

## We guarantee your long-term comfort

Professional skills, organisational ability, pioneering technologies, all-Italian creativity and attention to market expectations, anticipated with pioneering products: these are the factors that have established DL Radiators as a standard setter for the last 50 years.

Combining a meticulous finish with functionality, DL Radiators have a mission for innovation. With painstaking attention to technical detail and the materials used, they are designed with the most selective and demanding consumers in mind.

**15**

year warranty hydronic products

**2**

year warranty electrical parts

**5**

year warranty electrical heating appliance





Laser welding



Available in a range of finishes



Fixing kit included

### **EASY FIT**

Concealed brackets kit included



Low temperature efficiency



Low consumption



Horizontal/Vertical installation



180° reversible



Wi-Fi connectivity



**ASV**

Automatic safety valve

### **DRY**

Dry inertia technology excludes the use of any convective fluid, heating the air directly.

### **FLUID**

Fluid technology replicates the feeling of warmth from a hydronic heating body.

# INDEX



## HYDRONIC

With their exceptional heat output, hydronic radiators guarantee all-round warmth.

The wide range of modular solutions available with their elegant and distinctive design and numerous combinations of size and tube geometry adapt perfectly to every need and any type of home.

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## ELECTRIC

Perfect for heating areas without a hydraulic installation, electric radiators provide rapid uniform heat without drying the air.

Thanks to the numerous functions of the easy and intuitive electronic controls, consumption can be controlled to avoid wasting energy.

Available in a wide range of models, they are quick and easy to install.

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## E-FLOW TECHNOLOGY

Our exclusive E-Flow technology gives your three products in one, adding the advantages of a traditional electric fan heater to our range of bathroom towel warmers.

The fan heater can be used alone to heat small rooms quickly and efficiently, in combination with the towel warmer to increase output, or as just a towel warmer.

E-Flow technology is available in combination with electric towel warmers.

### E-FLOW

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## The right dimensions for every need.

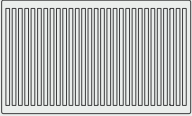
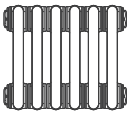
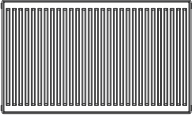

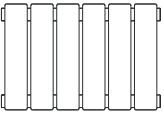

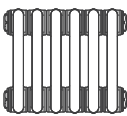
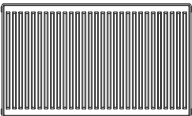

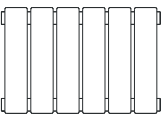
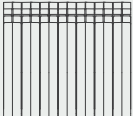
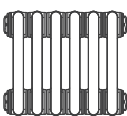
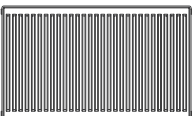

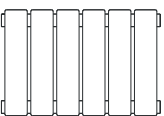
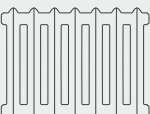
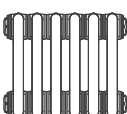
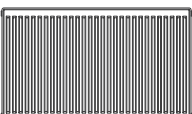

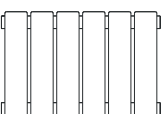


The wide DL Radiators range means you can always find the height corresponding to the pipe centre you want to replace.

The wide choice of different models testifies to the flexibility of the ranges able to satisfy all market demands.

The following table gives some of the main combinations of heating appliance to be replaced and corresponding DL Radiators product.

## Radiator to be replaced with corresponding DL Radiators product

| Pipe centre of radiator to be replaced                                              | Corresponding height DL Radiators range                                             |                                                                                     |                                                                                      |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Panel                                                                               | Multicolonna                                                                        | Plattella                                                                           | Linear                                                                               | Mirò                                                                                  |
|    |    |    |    |    |
| Pipe centre. 440                                                                    | H. 510                                                                              | H. 500                                                                              | H. 500                                                                               | -                                                                                     |
| Pipe centre. 540                                                                    | H. 610                                                                              | H. 600                                                                              | H. 600                                                                               | -                                                                                     |
| Pipe centre. 840                                                                    | H. 910                                                                              | H. 900                                                                              | H. 900                                                                               | -                                                                                     |
| Pipe centre of radiator to be replaced                                              | Corresponding height DL Radiators range                                             |                                                                                     |                                                                                      |                                                                                       |
| Bar                                                                                 | Multicolonna                                                                        | Plattella                                                                           | Linear                                                                               | Mirò                                                                                  |
|    |    |    |    |    |
| Pipe centre. 330                                                                    | H. 400                                                                              | -                                                                                   | -                                                                                    | -                                                                                     |
| Pipe centre. 430                                                                    | H. 500                                                                              | -                                                                                   | -                                                                                    | -                                                                                     |
| Pipe centre. 530                                                                    | H. 600                                                                              | -                                                                                   | -                                                                                    | -                                                                                     |
| Pipe centre. 730                                                                    | H. 800                                                                              | -                                                                                   | -                                                                                    | -                                                                                     |
| Pipe centre. 930                                                                    | H. 1000                                                                             | -                                                                                   | -                                                                                    | -                                                                                     |
| Pipe centre of radiator to be replaced                                              | Corresponding height DL Radiators range                                             |                                                                                     |                                                                                      |                                                                                       |
| Aluminium                                                                           | Multicolonna                                                                        | Plattella                                                                           | Linear                                                                               | Mirò                                                                                  |
|  |  |  |  |  |
| Pipe centre. 500                                                                    | H. 570                                                                              | H. 600                                                                              | H. 600                                                                               | H. 550                                                                                |
| Pipe centre. 600                                                                    | H. 670                                                                              | H. 700                                                                              | H. 700                                                                               | H. 650                                                                                |
| Pipe centre. 700                                                                    | H. 770                                                                              | -                                                                                   | -                                                                                    | H. 750                                                                                |
| Pipe centre. 800                                                                    | H. 870                                                                              | -                                                                                   | -                                                                                    | H. 850                                                                                |
| Pipe centre of radiator to be replaced                                              | Corresponding height DL Radiators range                                             |                                                                                     |                                                                                      |                                                                                       |
| Cast iron                                                                           | Multicolonna                                                                        | Plattella                                                                           | Linear                                                                               | Mirò                                                                                  |
|  |  |  |  |  |
| Pipe centre. 615                                                                    | H. 685                                                                              | -                                                                                   | -                                                                                    | H. 665                                                                                |
| Pipe centre. 815                                                                    | H. 885                                                                              | -                                                                                   | -                                                                                    | H. 865                                                                                |





**HYDRONIC**

The Multicolonna range stands out for its great design flexibility, allowing it to be adapted to any space or type of application to become a genuine interior design accessory able to add an intriguing touch to any room.





# MULTICOLONNA

## Multicolonna range

The Multicolonna range stands out for its great design flexibility, allowing it to be adapted to any space or type of application to become a genuine interior design accessory able to add an intriguing touch to any room.

It is available in 2, 3, 4, 5 and 6 column versions with heights from 300 to 2500 mm.

As well as the standard version, the range includes Multicolonna Integrated with thermostatic valve, Multicolonna Hygiene for installation in environments where cleanliness is particularly important, Multicolonna with cast iron, aluminium and bar pipe centre versions to replace old radiators and a special curved version of Multicolonna with welded feet.

## Innovation

DL Radiators was the first company to introduce laser welding for Multicolonna radiators.

A pioneer in technological processes, it has set new quality standards and become an absolute point of reference in the world market.

## Quality and performance

The quality of Multicolonna is obvious whichever way you look at it.

The glossy finish of the three-phase painting and soft rounded lines of the elements make it so attractive it becomes a genuine interior design accessory wherever it is installed.

Precise laser welding gives perfectly smooth shapes on the outside of the product and no welding residue inside.

The line-end quality controls are stringent and rigorous to guarantee a product with a unique appearance and impeccable construction.

In-depth study of thermodynamic flows has optimised the product's conduction, radiation and convection processes, making it a reference point among tubular radiators, the best possible compromise between technology and product design.

## Painting

A particular feature of the Multicolonna range is the high-quality paint finish, thanks to an industrial process borrowed from the automotive sector.

Colouring in White RAL 9016, complying with DIN55900.

## Certification and compliance marks

Multicolonna radiators are CE certified and meet the specifications required by the French NF standard. All heat outputs are measured and certified according to the European EN 442 standard.

## Warranty

Thanks to the high-quality standards and implementation of automated control systems, DL Radiators is the only company able to guarantee its hydronic products for 15 years.

## MULTICOLONNA 2 Columns



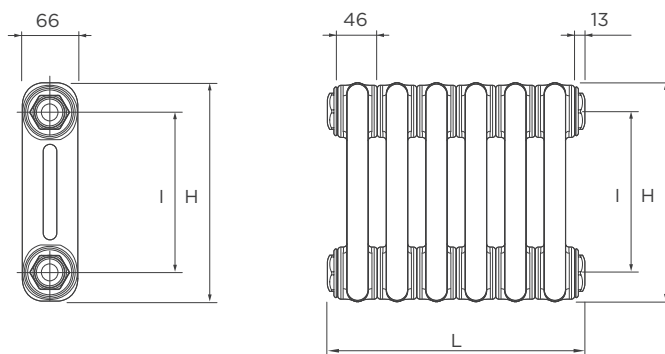
Image for illustrative purposes only



### Technical specifications

Material: UNI EN 10130:2007 steel  
 Round vertical tubes, diameter 25 mm  
 Element width: 46 mm  
 Laser-welded manifolds  
 Manifold thread 1"1/4 G rhs or lhs  
 Working pressure 10 bar  
 Test pressure 13 bar  
 Maximum operating temperature 110° C

Dimensions are in mm

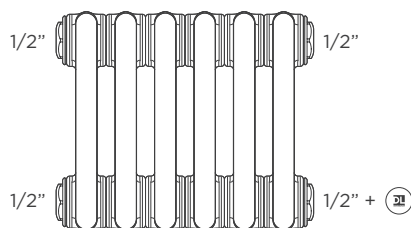


H: height  
 I: pipe centre (H-70)  
 L: length with bungs fitted (no. elements x 46) + 26

| Height<br>H (mm) | Code<br>standard configuration | Pipe<br>centre<br>l (mm) | Empty<br>weight<br>Kg | Capacity<br>L | Elements<br>max.no | Output<br>$\Delta t$ 50 °C<br>W | Output<br>$\Delta t$ 42,5°C<br>W | Output<br>$\Delta t$ 30°C<br>W | Output<br>$\Delta t$ 20°C<br>W | Esp.<br>n |
|------------------|--------------------------------|--------------------------|-----------------------|---------------|--------------------|---------------------------------|----------------------------------|--------------------------------|--------------------------------|-----------|
| NF 300           | OQ0020300ee0000                | 230                      | 0,5                   | 0,4           | 40                 | 24,3                            | 19,9                             | 12,9                           | 7,8                            | 1,244     |
| NF 400           | OQ0020400ee0000                | L 330                    | 0,6                   | 0,5           | 40                 | 31,1                            | 25,4                             | 16,4                           | 9,9                            | 1,249     |
| NF 500           | OQ0020500ee0000                | L 430                    | 0,8                   | 0,6           | 40                 | 38,0                            | 31,0                             | 20,0                           | 12,0                           | 1,255     |
| 510              | OQ0020510ee0000                | 440                      | 0,8                   | 0,6           | 40                 | 38,7                            | 31,5                             | 20,4                           | 12,2                           | 1,256     |
| NF 550           | OQ0020550ee0000                | 480                      | 0,9                   | 0,6           | 40                 | 41,4                            | 33,8                             | 21,8                           | 13,1                           | 1,258     |
| 570              | OQ0020570ee0000                | A 500                    | 0,9                   | 0,6           | 40                 | 42,8                            | 34,8                             | 22,5                           | 13,5                           | 1,259     |
| NF 600           | OQ0020600ee0000                | L 530                    | 0,9                   | 0,7           | 40                 | 44,8                            | 36,5                             | 23,5                           | 14,1                           | 1,261     |
| 610              | OQ0020610ee0000                | 540                      | 0,9                   | 0,7           | 40                 | 45,5                            | 37,1                             | 23,9                           | 14,3                           | 1,262     |
| 670              | OQ0020670ee0000                | A 600                    | 1,0                   | 0,7           | 40                 | 49,6                            | 40,3                             | 26,0                           | 15,5                           | 1,265     |
| NF 685           | OQ0020685ee0000                | G 615                    | 1,1                   | 0,7           | 40                 | 50,6                            | 41,2                             | 26,5                           | 15,8                           | 1,266     |
| NF 750           | OQ0020750ee0000                | 680                      | 1,1                   | 0,8           | 40                 | 55,0                            | 44,7                             | 28,7                           | 17,2                           | 1,270     |
| 770              | OQ0020770ee0000                | A 700                    | 1,1                   | 0,8           | 40                 | 56,3                            | 45,8                             | 29,4                           | 17,6                           | 1,271     |
| 800              | OQ0020800ee0000                | L 730                    | 1,2                   | 0,8           | 40                 | 58,4                            | 47,7                             | 30,5                           | 18,3                           | 1,273     |
| 870              | OQ0020870ee0000                | A 800                    | 1,2                   | 0,8           | 40                 | 63,1                            | 51,5                             | 32,8                           | 19,6                           | 1,278     |
| NF 885           | OQ0020885ee0000                | G 815                    | 1,4                   | 0,9           | 40                 | 64,1                            | 52,1                             | 33,4                           | 19,9                           | 1,278     |
| NF 900           | OQ0020900ee0000                | 830                      | 1,4                   | 0,9           | 40                 | 65,1                            | 53,0                             | 33,9                           | 20,2                           | 1,279     |
| 910              | OQ0020910ee0000                | 840                      | 1,4                   | 0,9           | 40                 | 65,8                            | 53,4                             | 34,2                           | 20,4                           | 1,279     |
| NF 1000          | OQ0021000ee0000                | L 930                    | 1,5                   | 1,0           | 40                 | 72,1                            | 58,6                             | 37,4                           | 22,2                           | 1,285     |
| NF 1200          | OQ0021200ee0000                | 1130                     | 1,8                   | 1,1           | 30                 | 85,6                            | 69,4                             | 44,2                           | 26,2                           | 1,294     |
| NF 1500          | OQ0021500ee0000                | 1430                     | 2,2                   | 1,4           | 30                 | 106,0                           | 86,0                             | 54,6                           | 32,1                           | 1,307     |
| NF 1800          | OQ0021800ee0000                | 1730                     | 2,6                   | 1,6           | 24                 | 128,0                           | 103,2                            | 65,0                           | 38,1                           | 1,321     |
| NF 2000          | OQ0022000ee0000                | 1930                     | 2,9                   | 1,7           | 24                 | 142,0                           | 114,7                            | 72,5                           | 42,4                           | 1,320     |
| NF 2200          | OQ0022200ee0000                | 2130                     | 3,2                   | 1,9           | 20                 | 157,0                           | 126,9                            | 80,1                           | 46,9                           | 1,320     |
| NF 2500          | OQ0022500ee0000                | 2430                     | 3,6                   | 2,1           | 20                 | 180,0                           | 145,1                            | 91,8                           | 53,7                           | 1,319     |

A = pipe centre compatible with aluminium radiators  
 G = pipe centre compatible with cast iron radiators  
 L = pipe centre compatible with bar radiators  
 ee = number of elements

### Standard configuration



### Standard connections and accessories:

in the standard configuration, the Multicolonna radiator is delivered with 4 x 1/2" reducers and 1 x 1/2" blind plug pre-mounted.

This configuration is highly versatile as it makes the product fully reversible.

Vent and brackets not supplied as standard.

### Possible battery lengths:

welded from 2 to a maximum of 40 elements.

For batteries above the dimensional limit, nipping can be carried out directly on site by ordering the relevant accessories.

## 2 Columns - Depth 66 mm - Heat outputs at $\Delta t$ 50 °C - Data table for complete batteries with reducers mounted

| Height                     |      | 300 | 400 | 500  | 510  | 550  | 570  | 600  | 610  | 670  | 685  | 750  | 770  |      |
|----------------------------|------|-----|-----|------|------|------|------|------|------|------|------|------|------|------|
| Maximum number of elements |      | 40  | 40  | 40   | 40   | 40   | 40   | 40   | 40   | 40   | 40   | 40   | 40   |      |
| Length (mm)                | 118  | W   | 49  | 62   | 76   | 77   | 83   | 86   | 90   | 91   | 99   | 101  | 110  | 113  |
| No. elements               | 2    |     |     |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 164  | W   | 73  | 93   | 114  | 116  | 124  | 128  | 134  | 137  | 149  | 152  | 165  | 169  |
| No. elements               | 3    |     |     |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 210  | W   | 97  | 124  | 152  | 155  | 166  | 171  | 179  | 182  | 198  | 202  | 220  | 225  |
| No. elements               | 4    |     |     |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 256  | W   | 122 | 156  | 190  | 194  | 207  | 214  | 224  | 228  | 248  | 253  | 275  | 282  |
| No. elements               | 5    |     |     |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 302  | W   | 146 | 187  | 228  | 232  | 248  | 257  | 269  | 273  | 298  | 304  | 330  | 338  |
| No. elements               | 6    |     |     |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 348  | W   | 170 | 218  | 266  | 271  | 290  | 300  | 314  | 319  | 347  | 354  | 385  | 394  |
| No. elements               | 7    |     |     |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 394  | W   | 194 | 249  | 304  | 310  | 331  | 342  | 358  | 364  | 397  | 405  | 440  | 450  |
| No. elements               | 8    |     |     |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 440  | W   | 219 | 280  | 342  | 348  | 373  | 385  | 403  | 410  | 446  | 455  | 495  | 507  |
| No. elements               | 9    |     |     |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 486  | W   | 243 | 311  | 380  | 387  | 414  | 428  | 448  | 455  | 496  | 506  | 550  | 563  |
| No. elements               | 10   |     |     |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 532  | W   | 267 | 342  | 418  | 426  | 455  | 471  | 493  | 501  | 546  | 557  | 605  | 619  |
| No. elements               | 11   |     |     |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 578  | W   | 292 | 373  | 456  | 464  | 497  | 514  | 538  | 546  | 595  | 607  | 660  | 676  |
| No. elements               | 12   |     |     |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 624  | W   | 316 | 404  | 494  | 503  | 538  | 556  | 582  | 592  | 645  | 658  | 715  | 732  |
| No. elements               | 13   |     |     |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 670  | W   | 340 | 435  | 532  | 542  | 580  | 599  | 627  | 637  | 694  | 708  | 770  | 788  |
| No. elements               | 14   |     |     |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 716  | W   | 365 | 467  | 570  | 581  | 621  | 642  | 672  | 683  | 744  | 759  | 825  | 845  |
| No. elements               | 15   |     |     |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 762  | W   | 389 | 498  | 608  | 619  | 662  | 685  | 717  | 728  | 794  | 810  | 880  | 901  |
| No. elements               | 16   |     |     |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 808  | W   | 413 | 529  | 646  | 658  | 704  | 728  | 762  | 774  | 843  | 860  | 935  | 957  |
| No. elements               | 17   |     |     |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 854  | W   | 437 | 560  | 684  | 697  | 745  | 770  | 806  | 819  | 893  | 911  | 990  | 1013 |
| No. elements               | 18   |     |     |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 900  | W   | 462 | 591  | 722  | 735  | 787  | 813  | 851  | 865  | 942  | 961  | 1045 | 1070 |
| No. elements               | 19   |     |     |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 946  | W   | 486 | 622  | 760  | 774  | 828  | 856  | 896  | 910  | 992  | 1012 | 1100 | 1126 |
| No. elements               | 20   |     |     |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 992  | W   | 510 | 653  | 798  | 813  | 869  | 899  | 941  | 956  | 1042 | 1063 | 1155 | 1182 |
| No. elements               | 21   |     |     |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1038 | W   | 535 | 684  | 836  | 851  | 911  | 942  | 986  | 1001 | 1091 | 1113 | 1210 | 1239 |
| No. elements               | 22   |     |     |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1084 | W   | 559 | 715  | 874  | 890  | 952  | 984  | 1030 | 1047 | 1141 | 1164 | 1265 | 1295 |
| No. elements               | 23   |     |     |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1130 | W   | 583 | 746  | 912  | 929  | 994  | 1027 | 1075 | 1092 | 1190 | 1214 | 1320 | 1351 |
| No. elements               | 24   |     |     |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1176 | W   | 608 | 778  | 950  | 968  | 1035 | 1070 | 1120 | 1138 | 1240 | 1265 | 1375 | 1408 |
| No. elements               | 25   |     |     |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1222 | W   | 632 | 809  | 988  | 1006 | 1076 | 1113 | 1165 | 1183 | 1290 | 1316 | 1430 | 1464 |
| No. elements               | 26   |     |     |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1268 | W   | 656 | 840  | 1026 | 1045 | 1118 | 1156 | 1210 | 1229 | 1339 | 1366 | 1485 | 1520 |
| No. elements               | 27   |     |     |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1314 | W   | 680 | 871  | 1064 | 1084 | 1159 | 1198 | 1254 | 1274 | 1389 | 1417 | 1540 | 1576 |
| No. elements               | 28   |     |     |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1360 | W   | 705 | 902  | 1102 | 1122 | 1201 | 1241 | 1299 | 1320 | 1438 | 1467 | 1595 | 1633 |
| No. elements               | 29   |     |     |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1406 | W   | 729 | 933  | 1140 | 1161 | 1242 | 1284 | 1344 | 1365 | 1488 | 1518 | 1650 | 1689 |
| No. elements               | 30   |     |     |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1452 | W   | 753 | 964  | 1178 | 1200 | 1283 | 1327 | 1389 | 1411 | 1538 | 1569 | 1705 | 1745 |
| No. elements               | 31   |     |     |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1498 | W   | 778 | 995  | 1216 | 1238 | 1325 | 1370 | 1434 | 1456 | 1587 | 1619 | 1760 | 1802 |
| No. elements               | 32   |     |     |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1544 | W   | 802 | 1026 | 1254 | 1277 | 1366 | 1412 | 1478 | 1502 | 1637 | 1670 | 1815 | 1858 |
| No. elements               | 33   |     |     |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1590 | W   | 826 | 1057 | 1292 | 1316 | 1408 | 1455 | 1523 | 1547 | 1686 | 1720 | 1870 | 1914 |
| No. elements               | 34   |     |     |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1636 | W   | 851 | 1089 | 1330 | 1355 | 1449 | 1498 | 1568 | 1593 | 1736 | 1771 | 1925 | 1971 |
| No. elements               | 35   |     |     |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1682 | W   | 875 | 1120 | 1368 | 1393 | 1490 | 1541 | 1613 | 1638 | 1786 | 1822 | 1980 | 2027 |
| No. elements               | 36   |     |     |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1728 | W   | 899 | 1151 | 1406 | 1432 | 1532 | 1584 | 1658 | 1684 | 1835 | 1872 | 2035 | 2083 |
| No. elements               | 37   |     |     |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1774 | W   | 923 | 1182 | 1444 | 1471 | 1573 | 1626 | 1702 | 1729 | 1885 | 1923 | 2090 | 2139 |
| No. elements               | 38   |     |     |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1820 | W   | 948 | 1213 | 1482 | 1509 | 1615 | 1669 | 1747 | 1775 | 1934 | 1973 | 2145 | 2196 |
| No. elements               | 39   |     |     |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1866 | W   | 972 | 1244 | 1520 | 1548 | 1656 | 1712 | 1792 | 1820 | 1984 | 2024 | 2200 | 2252 |
| No. elements               | 40   |     |     |      |      |      |      |      |      |      |      |      |      |      |

## 2 Columns - Depth 66 mm - Heat outputs at $\Delta t$ 50 °C - Data table for complete batteries with reducers mounted

| Height                     |      | 800 | 870  | 885  | 900  | 910  | 1000 | 1200 | 1500 | 1800 | 2000 | 2200 | 2500 |      |
|----------------------------|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|
| Maximum number of elements |      | 40  | 40   | 40   | 40   | 40   | 40   | 30   | 30   | 24   | 24   | 20   | 20   |      |
| Length (mm)                | 118  | W   | 117  | 126  | 128  | 130  | 132  | 144  | 171  | 212  | 256  | 284  | 314  | 360  |
| No. elements               | 2    |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 164  | W   | 175  | 189  | 192  | 195  | 197  | 216  | 257  | 318  | 384  | 426  | 471  | 540  |
| No. elements               | 3    |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 210  | W   | 234  | 252  | 256  | 260  | 263  | 288  | 342  | 424  | 512  | 568  | 628  | 720  |
| No. elements               | 4    |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 256  | W   | 292  | 316  | 321  | 326  | 329  | 361  | 428  | 530  | 640  | 710  | 785  | 900  |
| No. elements               | 5    |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 302  | W   | 350  | 379  | 385  | 391  | 395  | 433  | 514  | 636  | 768  | 852  | 942  | 1080 |
| No. elements               | 6    |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 348  | W   | 409  | 442  | 449  | 456  | 461  | 505  | 599  | 742  | 896  | 994  | 1099 | 1260 |
| No. elements               | 7    |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 394  | W   | 467  | 505  | 513  | 521  | 526  | 577  | 685  | 848  | 1024 | 1136 | 1256 | 1440 |
| No. elements               | 8    |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 440  | W   | 526  | 568  | 577  | 586  | 592  | 649  | 770  | 954  | 1152 | 1278 | 1413 | 1620 |
| No. elements               | 9    |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 486  | W   | 584  | 631  | 641  | 651  | 658  | 721  | 856  | 1060 | 1280 | 1420 | 1570 | 1800 |
| No. elements               | 10   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 532  | W   | 642  | 694  | 705  | 716  | 724  | 793  | 942  | 1166 | 1408 | 1562 | 1727 | 1980 |
| No. elements               | 11   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 578  | W   | 701  | 757  | 769  | 781  | 790  | 865  | 1027 | 1272 | 1536 | 1704 | 1884 | 2160 |
| No. elements               | 12   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 624  | W   | 759  | 820  | 833  | 846  | 855  | 937  | 1113 | 1378 | 1664 | 1846 | 2041 | 2340 |
| No. elements               | 13   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 670  | W   | 818  | 883  | 897  | 911  | 921  | 1009 | 1198 | 1484 | 1792 | 1988 | 2198 | 2520 |
| No. elements               | 14   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 716  | W   | 876  | 947  | 962  | 977  | 987  | 1082 | 1284 | 1590 | 1920 | 2130 | 2355 | 2700 |
| No. elements               | 15   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 762  | W   | 934  | 1010 | 1026 | 1042 | 1053 | 1154 | 1370 | 1696 | 2048 | 2272 | 2512 | 2880 |
| No. elements               | 16   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 808  | W   | 993  | 1073 | 1090 | 1107 | 1119 | 1226 | 1455 | 1802 | 2176 | 2414 | 2669 | 3060 |
| No. elements               | 17   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 854  | W   | 1051 | 1136 | 1154 | 1172 | 1184 | 1298 | 1541 | 1908 | 2304 | 2556 | 2826 | 3240 |
| No. elements               | 18   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 900  | W   | 1110 | 1199 | 1218 | 1237 | 1250 | 1370 | 1626 | 2014 | 2432 | 2698 | 2983 | 3420 |
| No. elements               | 19   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 946  | W   | 1168 | 1262 | 1282 | 1302 | 1316 | 1442 | 1712 | 2120 | 2560 | 2840 | 3140 | 3600 |
| No. elements               | 20   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 992  | W   | 1226 | 1325 | 1346 | 1367 | 1382 | 1514 | 1798 | 2226 | 2688 | 2982 | -    | -    |
| No. elements               | 21   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1038 | W   | 1285 | 1388 | 1410 | 1432 | 1448 | 1586 | 1883 | 2332 | 2816 | 3124 | -    | -    |
| No. elements               | 22   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1084 | W   | 1343 | 1451 | 1474 | 1497 | 1513 | 1658 | 1969 | 2438 | 2944 | 3266 | -    | -    |
| No. elements               | 23   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1130 | W   | 1402 | 1514 | 1538 | 1562 | 1579 | 1730 | 2054 | 2544 | 3072 | 3408 | -    | -    |
| No. elements               | 24   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1176 | W   | 1460 | 1578 | 1603 | 1628 | 1645 | 1803 | 2140 | 2650 | -    | -    | -    | -    |
| No. elements               | 25   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1222 | W   | 1518 | 1641 | 1667 | 1693 | 1711 | 1875 | 2226 | 2756 | -    | -    | -    | -    |
| No. elements               | 26   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1268 | W   | 1577 | 1704 | 1731 | 1758 | 1777 | 1947 | 2311 | 2862 | -    | -    | -    | -    |
| No. elements               | 27   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1314 | W   | 1635 | 1767 | 1795 | 1823 | 1842 | 2019 | 2397 | 2968 | -    | -    | -    | -    |
| No. elements               | 28   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1360 | W   | 1694 | 1830 | 1859 | 1888 | 1908 | 2091 | 2482 | 3074 | -    | -    | -    | -    |
| No. elements               | 29   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1406 | W   | 1752 | 1893 | 1923 | 1953 | 1974 | 2163 | 2568 | 3180 | -    | -    | -    | -    |
| No. elements               | 30   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1452 | W   | 1810 | 1956 | 1987 | 2018 | 2040 | 2235 | -    | -    | -    | -    | -    | -    |
| No. elements               | 31   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1498 | W   | 1869 | 2019 | 2051 | 2083 | 2106 | 2307 | -    | -    | -    | -    | -    | -    |
| No. elements               | 32   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1544 | W   | 1927 | 2082 | 2115 | 2148 | 2171 | 2379 | -    | -    | -    | -    | -    | -    |
| No. elements               | 33   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1590 | W   | 1986 | 2145 | 2179 | 2213 | 2237 | 2451 | -    | -    | -    | -    | -    | -    |
| No. elements               | 34   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1636 | W   | 2044 | 2209 | 2244 | 2279 | 2303 | 2524 | -    | -    | -    | -    | -    | -    |
| No. elements               | 35   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1682 | W   | 2102 | 2272 | 2308 | 2344 | 2369 | 2596 | -    | -    | -    | -    | -    | -    |
| No. elements               | 36   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1728 | W   | 2161 | 2335 | 2372 | 2409 | 2435 | 2668 | -    | -    | -    | -    | -    | -    |
| No. elements               | 37   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1774 | W   | 2219 | 2398 | 2436 | 2474 | 2500 | 2740 | -    | -    | -    | -    | -    | -    |
| No. elements               | 38   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1820 | W   | 2278 | 2461 | 2500 | 2539 | 2566 | 2812 | -    | -    | -    | -    | -    | -    |
| No. elements               | 39   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1866 | W   | 2336 | 2524 | 2564 | 2604 | 2632 | 2884 | -    | -    | -    | -    | -    | -    |
| No. elements               | 40   |     |      |      |      |      |      |      |      |      |      |      |      |      |

## MULTICOLONNA 3 Columns



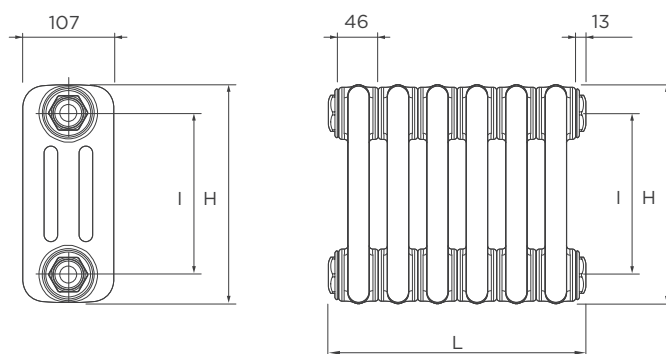
Image for illustrative purposes only



### Technical specifications

Material: UNI EN 10130:2007 steel  
 Round vertical tubes, diameter 25 mm  
 Element width: 46 mm  
 Laser-welded manifolds  
 Manifold thread 1 1/4 G rhs or lhs  
 Working pressure 10 bar  
 Test pressure 13 bar  
 Maximum operating temperature 110° C

Dimensions are in mm



H: height  
 I: pipe centre (H-70)  
 L: length with bungs fitted (no. elements x 46) + 26

| Height<br>H (mm) | Code<br>standard configuration | Pipe<br>centre<br>l (mm) | Empty<br>weight<br>Kg | Capacity<br>L | Elements<br>max.no | Output<br>$\Delta t$ 50 °C<br>W | Output<br>$\Delta t$ 42,5°C<br>W | Output<br>$\Delta t$ 30°C<br>W | Output<br>$\Delta t$ 20°C<br>W | Esp.<br>n |
|------------------|--------------------------------|--------------------------|-----------------------|---------------|--------------------|---------------------------------|----------------------------------|--------------------------------|--------------------------------|-----------|
| NF 300           | OQ0030300ee0000                | 230                      | 0,5                   | 0,6           | 40                 | 33,1                            | 27,0                             | 17,5                           | 10,5                           | 1,249     |
| NF 400           | OQ0030400ee0000                | L 330                    | 0,8                   | 0,7           | 40                 | 42,3                            | 34,5                             | 22,3                           | 13,4                           | 1,254     |
| NF 500           | OQ0030500ee0000                | L 430                    | 1,0                   | 0,8           | 40                 | 51,6                            | 42,0                             | 27,1                           | 16,3                           | 1,258     |
| 510              | OQ0030510ee0000                | 440                      | 1,0                   | 0,8           | 40                 | 52,5                            | 42,8                             | 27,6                           | 16,6                           | 1,259     |
| NF 550           | OQ0030550ee0000                | 480                      | 1,2                   | 0,9           | 40                 | 56,2                            | 45,8                             | 29,5                           | 17,7                           | 1,261     |
| 570              | OQ0030570ee0000                | A 500                    | 1,3                   | 0,9           | 40                 | 58,0                            | 47,3                             | 30,5                           | 18,3                           | 1,262     |
| NF 600           | OQ0030600ee0000                | L 530                    | 1,3                   | 1,0           | 40                 | 60,8                            | 49,5                             | 31,9                           | 19,1                           | 1,263     |
| 610              | OQ0030610ee0000                | 540                      | 1,3                   | 1,0           | 40                 | 61,7                            | 50,2                             | 32,3                           | 19,4                           | 1,264     |
| 670              | OQ0030670ee0000                | A 600                    | 1,5                   | 1,0           | 40                 | 67,2                            | 54,6                             | 35,2                           | 21,0                           | 1,266     |
| NF 685           | OQ0030685ee0000                | G 615                    | 1,6                   | 1,1           | 40                 | 68,6                            | 55,8                             | 35,9                           | 21,5                           | 1,267     |
| NF 750           | OQ0030750ee0000                | 680                      | 1,7                   | 1,1           | 40                 | 74,5                            | 60,6                             | 38,9                           | 23,3                           | 1,270     |
| 770              | OQ0030770ee0000                | A 700                    | 1,8                   | 1,1           | 40                 | 76,3                            | 62,1                             | 39,9                           | 23,8                           | 1,271     |
| 800              | OQ0030800ee0000                | L 730                    | 1,8                   | 1,2           | 40                 | 79,1                            | 64,3                             | 41,3                           | 24,6                           | 1,272     |
| 870              | OQ0030870ee0000                | A 800                    | 2,0                   | 1,3           | 40                 | 85,5                            | 69,4                             | 44,6                           | 26,5                           | 1,275     |
| NF 885           | OQ0030885ee0000                | G 815                    | 2,0                   | 1,3           | 40                 | 86,9                            | 70,6                             | 45,3                           | 27,0                           | 1,276     |
| NF 900           | OQ0030900ee0000                | 830                      | 2,0                   | 1,3           | 40                 | 88,2                            | 71,8                             | 46,0                           | 27,4                           | 1,277     |
| 910              | OQ0030910ee0000                | 840                      | 2,0                   | 1,3           | 40                 | 89,2                            | 72,5                             | 46,4                           | 27,7                           | 1,277     |
| NF 1000          | OQ0031000ee0000                | L 930                    | 2,1                   | 1,4           | 40                 | 97,4                            | 79,0                             | 50,6                           | 30,1                           | 1,281     |
| NF 1200          | OQ0031200ee0000                | 1130                     | 2,5                   | 1,6           | 30                 | 116,0                           | 94,2                             | 60,0                           | 35,6                           | 1,290     |
| NF 1500          | OQ0031500ee0000                | 1430                     | 2,7                   | 2,0           | 30                 | 144,0                           | 116,8                            | 74,2                           | 43,8                           | 1,302     |
| NF 1800          | OQ0031800ee0000                | 1730                     | 3,3                   | 2,3           | 24                 | 174,0                           | 140,4                            | 88,7                           | 52,1                           | 1,315     |
| NF 2000          | OQ0032000ee0000                | 1930                     | 4,0                   | 2,6           | 24                 | 194,0                           | 156,7                            | 99,0                           | 58,2                           | 1,313     |
| NF 2200          | OQ0032200ee0000                | 2130                     | 4,4                   | 2,8           | 20                 | 214,0                           | 173,4                            | 110,0                          | 64,5                           | 1,311     |
| NF 2500          | OQ0032500ee0000                | 2430                     | 4,8                   | 3,2           | 20                 | 246,0                           | 199,2                            | 126,0                          | 74,3                           | 1,308     |

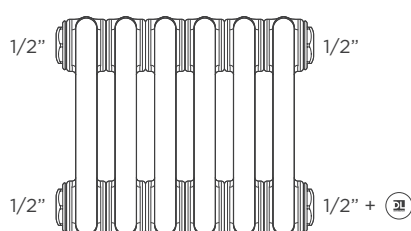
A = pipe centre compatible with aluminium radiators

G = pipe centre compatible with cast iron radiators

L = pipe centre compatible with bar radiators

ee = number of elements

### Standard configuration



### Standard connections and accessories:

in the standard configuration, the Multicolonna radiator is delivered with 4 x 1/2" reducers and 1 x 1/2" blind plug pre-mounted.

This configuration is highly versatile as it makes the product fully reversible.

Vent and brackets not supplied as standard.

### Possible battery lengths:

welded from 2 to a maximum of 40 elements.

For batteries above the dimensional limit, nipping can be carried out directly on site by ordering the relevant accessories.

### 3 Columns - Depth 107 mm - Heat outputs at $\Delta t$ 50 °C - Data table for complete batteries with reducers mounted

| Height                     |      | 300 | 400  | 500  | 510  | 550  | 570  | 600  | 610  | 670  | 685  | 750  | 770  |      |
|----------------------------|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|
| Maximum number of elements |      | 40  | 40   | 40   | 40   | 40   | 40   | 40   | 40   | 40   | 40   | 40   | 40   |      |
| Length (mm)                | 118  | W   | 66   | 85   | 103  | 105  | 112  | 116  | 122  | 123  | 134  | 137  | 149  | 153  |
| No. elements               | 2    |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 164  | W   | 99   | 127  | 155  | 158  | 169  | 174  | 182  | 185  | 202  | 206  | 224  | 229  |
| No. elements               | 3    |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 210  | W   | 132  | 169  | 206  | 210  | 225  | 232  | 243  | 247  | 269  | 274  | 298  | 305  |
| No. elements               | 4    |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 256  | W   | 166  | 212  | 258  | 263  | 281  | 290  | 304  | 309  | 336  | 343  | 373  | 382  |
| No. elements               | 5    |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 302  | W   | 199  | 254  | 310  | 315  | 337  | 348  | 365  | 370  | 403  | 412  | 447  | 458  |
| No. elements               | 6    |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 348  | W   | 232  | 296  | 361  | 368  | 393  | 406  | 426  | 432  | 470  | 480  | 522  | 534  |
| No. elements               | 7    |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 394  | W   | 265  | 338  | 413  | 420  | 450  | 464  | 486  | 494  | 538  | 549  | 596  | 610  |
| No. elements               | 8    |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 440  | W   | 298  | 381  | 464  | 473  | 506  | 522  | 547  | 555  | 605  | 617  | 671  | 687  |
| No. elements               | 9    |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 486  | W   | 331  | 423  | 516  | 525  | 562  | 580  | 608  | 617  | 672  | 686  | 745  | 763  |
| No. elements               | 10   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 532  | W   | 364  | 465  | 568  | 578  | 618  | 638  | 669  | 679  | 739  | 755  | 820  | 839  |
| No. elements               | 11   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 578  | W   | 397  | 508  | 619  | 630  | 674  | 696  | 730  | 740  | 806  | 823  | 894  | 916  |
| No. elements               | 12   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 624  | W   | 430  | 550  | 671  | 683  | 731  | 754  | 790  | 802  | 874  | 892  | 969  | 992  |
| No. elements               | 13   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 670  | W   | 463  | 592  | 722  | 735  | 787  | 812  | 851  | 864  | 941  | 960  | 1043 | 1068 |
| No. elements               | 14   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 716  | W   | 497  | 635  | 774  | 788  | 843  | 870  | 912  | 926  | 1008 | 1029 | 1118 | 1145 |
| No. elements               | 15   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 762  | W   | 530  | 677  | 826  | 840  | 899  | 928  | 973  | 987  | 1075 | 1098 | 1192 | 1221 |
| No. elements               | 16   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 808  | W   | 563  | 719  | 877  | 893  | 955  | 986  | 1034 | 1049 | 1142 | 1166 | 1267 | 1297 |
| No. elements               | 17   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 854  | W   | 596  | 761  | 929  | 945  | 1012 | 1044 | 1094 | 1111 | 1210 | 1235 | 1341 | 1373 |
| No. elements               | 18   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 900  | W   | 629  | 804  | 980  | 998  | 1068 | 1102 | 1155 | 1172 | 1277 | 1303 | 1416 | 1450 |
| No. elements               | 19   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 946  | W   | 662  | 846  | 1032 | 1050 | 1124 | 1160 | 1216 | 1234 | 1344 | 1372 | 1490 | 1526 |
| No. elements               | 20   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 992  | W   | 695  | 888  | 1084 | 1103 | 1180 | 1218 | 1277 | 1296 | 1411 | 1441 | 1565 | 1602 |
| No. elements               | 21   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1038 | W   | 728  | 931  | 1135 | 1155 | 1236 | 1276 | 1338 | 1357 | 1478 | 1509 | 1639 | 1679 |
| No. elements               | 22   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1084 | W   | 761  | 973  | 1187 | 1208 | 1293 | 1334 | 1398 | 1419 | 1546 | 1578 | 1714 | 1755 |
| No. elements               | 23   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1130 | W   | 794  | 1015 | 1238 | 1260 | 1349 | 1392 | 1459 | 1481 | 1613 | 1646 | 1788 | 1831 |
| No. elements               | 24   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1176 | W   | 828  | 1058 | 1290 | 1313 | 1405 | 1450 | 1520 | 1543 | 1680 | 1715 | 1863 | 1908 |
| No. elements               | 25   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1222 | W   | 861  | 1100 | 1342 | 1365 | 1461 | 1508 | 1581 | 1604 | 1747 | 1784 | 1937 | 1984 |
| No. elements               | 26   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1268 | W   | 894  | 1142 | 1393 | 1418 | 1517 | 1566 | 1642 | 1666 | 1814 | 1852 | 2012 | 2060 |
| No. elements               | 27   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1314 | W   | 927  | 1184 | 1445 | 1470 | 1574 | 1624 | 1702 | 1728 | 1882 | 1921 | 2086 | 2136 |
| No. elements               | 28   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1360 | W   | 960  | 1227 | 1496 | 1523 | 1630 | 1682 | 1763 | 1789 | 1949 | 1989 | 2161 | 2213 |
| No. elements               | 29   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1406 | W   | 993  | 1269 | 1548 | 1575 | 1686 | 1740 | 1824 | 1851 | 2016 | 2058 | 2235 | 2289 |
| No. elements               | 30   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1452 | W   | 1026 | 1311 | 1600 | 1628 | 1742 | 1798 | 1885 | 1913 | 2083 | 2127 | 2310 | 2365 |
| No. elements               | 31   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1498 | W   | 1059 | 1354 | 1651 | 1680 | 1798 | 1856 | 1946 | 1974 | 2150 | 2195 | 2384 | 2442 |
| No. elements               | 32   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1544 | W   | 1092 | 1396 | 1703 | 1733 | 1855 | 1914 | 2006 | 2036 | 2218 | 2264 | 2459 | 2518 |
| No. elements               | 33   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1590 | W   | 1125 | 1438 | 1754 | 1785 | 1911 | 1972 | 2067 | 2098 | 2285 | 2332 | 2533 | 2594 |
| No. elements               | 34   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1636 | W   | 1159 | 1481 | 1806 | 1838 | 1967 | 2030 | 2128 | 2160 | 2352 | 2401 | 2608 | 2671 |
| No. elements               | 35   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1682 | W   | 1192 | 1523 | 1858 | 1890 | 2023 | 2088 | 2189 | 2221 | 2419 | 2470 | 2682 | 2747 |
| No. elements               | 36   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1728 | W   | 1225 | 1565 | 1909 | 1943 | 2079 | 2146 | 2250 | 2283 | 2486 | 2538 | 2757 | 2823 |
| No. elements               | 37   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1774 | W   | 1258 | 1607 | 1961 | 1995 | 2136 | 2204 | 2310 | 2345 | 2554 | 2607 | 2831 | 2899 |
| No. elements               | 38   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1820 | W   | 1291 | 1650 | 2012 | 2048 | 2192 | 2262 | 2371 | 2406 | 2621 | 2675 | 2906 | 2976 |
| No. elements               | 39   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1866 | W   | 1324 | 1692 | 2064 | 2100 | 2248 | 2320 | 2432 | 2468 | 2688 | 2744 | 2980 | 3052 |
| No. elements               | 40   |     |      |      |      |      |      |      |      |      |      |      |      |      |



### 3 Columns - Depth 107 mm - Heat outputs at $\Delta t$ 50 °C - Data table for complete batteries with reducers mounted

| Height                     |      | 800 | 870  | 885  | 900  | 910  | 1000 | 1200 | 1500 | 1800 | 2000 | 2200 | 2500 |      |
|----------------------------|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|
| Maximum number of elements |      | 40  | 40   | 40   | 40   | 40   | 40   | 30   | 30   | 24   | 24   | 20   | 20   |      |
| Length (mm)                | 118  | W   | 158  | 171  | 174  | 176  | 178  | 195  | 232  | 288  | 348  | 388  | 428  | 492  |
| No. elements               | 2    |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 164  | W   | 237  | 257  | 261  | 265  | 268  | 292  | 348  | 432  | 522  | 582  | 642  | 738  |
| No. elements               | 3    |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 210  | W   | 316  | 342  | 348  | 353  | 357  | 390  | 464  | 576  | 696  | 776  | 856  | 984  |
| No. elements               | 4    |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 256  | W   | 396  | 428  | 435  | 441  | 446  | 487  | 580  | 720  | 870  | 970  | 1070 | 1230 |
| No. elements               | 5    |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 302  | W   | 475  | 513  | 521  | 529  | 535  | 584  | 696  | 864  | 1044 | 1164 | 1284 | 1476 |
| No. elements               | 6    |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 348  | W   | 554  | 599  | 608  | 617  | 624  | 682  | 812  | 1008 | 1218 | 1358 | 1498 | 1722 |
| No. elements               | 7    |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 394  | W   | 633  | 684  | 695  | 706  | 714  | 779  | 928  | 1152 | 1392 | 1552 | 1712 | 1968 |
| No. elements               | 8    |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 440  | W   | 712  | 770  | 782  | 794  | 803  | 877  | 1044 | 1296 | 1566 | 1746 | 1926 | 2214 |
| No. elements               | 9    |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 486  | W   | 791  | 855  | 869  | 882  | 892  | 974  | 1160 | 1440 | 1740 | 1940 | 2140 | 2460 |
| No. elements               | 10   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 532  | W   | 870  | 941  | 956  | 970  | 981  | 1071 | 1276 | 1584 | 1914 | 2134 | 2354 | 2706 |
| No. elements               | 11   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 578  | W   | 949  | 1026 | 1043 | 1058 | 1070 | 1169 | 1392 | 1728 | 2088 | 2328 | 2568 | 2952 |
| No. elements               | 12   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 624  | W   | 1028 | 1112 | 1130 | 1147 | 1160 | 1266 | 1508 | 1872 | 2262 | 2522 | 2782 | 3198 |
| No. elements               | 13   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 670  | W   | 1107 | 1197 | 1217 | 1235 | 1249 | 1364 | 1624 | 2016 | 2436 | 2716 | 2996 | 3444 |
| No. elements               | 14   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 716  | W   | 1187 | 1283 | 1304 | 1323 | 1338 | 1461 | 1740 | 2160 | 2610 | 2910 | 3210 | 3690 |
| No. elements               | 15   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 762  | W   | 1266 | 1368 | 1390 | 1411 | 1427 | 1558 | 1856 | 2304 | 2784 | 3104 | 3424 | 3936 |
| No. elements               | 16   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 808  | W   | 1345 | 1454 | 1477 | 1499 | 1516 | 1656 | 1972 | 2448 | 2958 | 3298 | 3638 | 4182 |
| No. elements               | 17   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 854  | W   | 1424 | 1539 | 1564 | 1588 | 1606 | 1753 | 2088 | 2592 | 3132 | 3492 | 3852 | 4428 |
| No. elements               | 18   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 900  | W   | 1503 | 1625 | 1651 | 1676 | 1695 | 1851 | 2204 | 2736 | 3306 | 3686 | 4066 | 4674 |
| No. elements               | 19   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 946  | W   | 1582 | 1710 | 1738 | 1764 | 1784 | 1948 | 2320 | 2880 | 3480 | 3880 | 4280 | 4920 |
| No. elements               | 20   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 992  | W   | 1661 | 1796 | 1825 | 1852 | 1873 | 2045 | 2436 | 3024 | 3654 | 4074 | -    | -    |
| No. elements               | 21   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1038 | W   | 1740 | 1881 | 1912 | 1940 | 1962 | 2143 | 2552 | 3168 | 3828 | 4268 | -    | -    |
| No. elements               | 22   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1084 | W   | 1819 | 1967 | 1999 | 2029 | 2052 | 2240 | 2668 | 3312 | 4002 | 4462 | -    | -    |
| No. elements               | 23   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1130 | W   | 1898 | 2052 | 2086 | 2117 | 2141 | 2338 | 2784 | 3456 | 4176 | 4656 | -    | -    |
| No. elements               | 24   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1176 | W   | 1978 | 2138 | 2173 | 2205 | 2230 | 2435 | 2900 | 3600 | -    | -    | -    | -    |
| No. elements               | 25   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1222 | W   | 2057 | 2223 | 2259 | 2293 | 2319 | 2532 | 3016 | 3744 | -    | -    | -    | -    |
| No. elements               | 26   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1268 | W   | 2136 | 2309 | 2346 | 2381 | 2408 | 2630 | 3132 | 3888 | -    | -    | -    | -    |
| No. elements               | 27   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1314 | W   | 2215 | 2394 | 2433 | 2470 | 2498 | 2727 | 3248 | 4032 | -    | -    | -    | -    |
| No. elements               | 28   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1360 | W   | 2294 | 2480 | 2520 | 2558 | 2587 | 2825 | 3364 | 4176 | -    | -    | -    | -    |
| No. elements               | 29   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1406 | W   | 2373 | 2565 | 2607 | 2646 | 2676 | 2922 | 3480 | 4320 | -    | -    | -    | -    |
| No. elements               | 30   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1452 | W   | 2452 | 2651 | 2694 | 2734 | 2765 | 3019 | -    | -    | -    | -    | -    | -    |
| No. elements               | 31   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1498 | W   | 2531 | 2736 | 2781 | 2822 | 2854 | 3117 | -    | -    | -    | -    | -    | -    |
| No. elements               | 32   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1544 | W   | 2610 | 2822 | 2868 | 2911 | 2944 | 3214 | -    | -    | -    | -    | -    | -    |
| No. elements               | 33   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1590 | W   | 2689 | 2907 | 2955 | 2999 | 3033 | 3312 | -    | -    | -    | -    | -    | -    |
| No. elements               | 34   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1636 | W   | 2769 | 2993 | 3042 | 3087 | 3122 | 3409 | -    | -    | -    | -    | -    | -    |
| No. elements               | 35   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1682 | W   | 2848 | 3078 | 3128 | 3175 | 3211 | 3506 | -    | -    | -    | -    | -    | -    |
| No. elements               | 36   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1728 | W   | 2927 | 3164 | 3215 | 3263 | 3300 | 3604 | -    | -    | -    | -    | -    | -    |
| No. elements               | 37   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1774 | W   | 3006 | 3249 | 3302 | 3352 | 3390 | 3701 | -    | -    | -    | -    | -    | -    |
| No. elements               | 38   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1820 | W   | 3085 | 3335 | 3389 | 3440 | 3479 | 3799 | -    | -    | -    | -    | -    | -    |
| No. elements               | 39   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1866 | W   | 3164 | 3420 | 3476 | 3528 | 3568 | 3896 | -    | -    | -    | -    | -    | -    |
| No. elements               | 40   |     |      |      |      |      |      |      |      |      |      |      |      |      |

## MULTICOLONNA 4 Columns

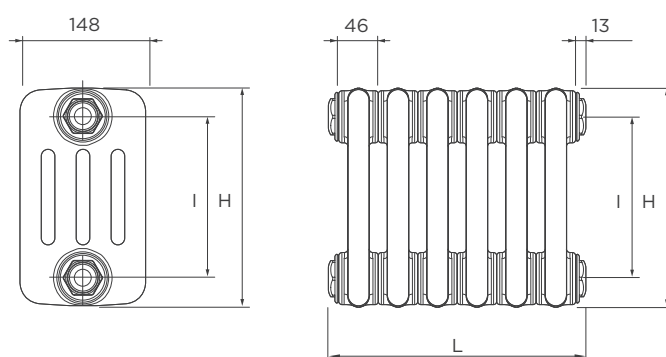


Image for illustrative purposes only

### Technical specifications

Material: UNI EN 10130:2007 steel  
 Round vertical tubes, diameter 25 mm  
 Element width: 46 mm  
 Laser-welded manifolds  
 Manifold thread 1 1/4 G rhs or lhs  
 Working pressure 10 bar  
 Test pressure 13 bar  
 Maximum operating temperature 110° C

Dimensions are in mm



H: height  
 l : pipe centre (H-70)  
 L: length with bungs fitted (no. elements x 46) + 26

| Height<br>H (mm) | Code<br>standard configuration | Pipe<br>centre<br>l (mm) | Empty<br>weight<br>Kg | Capacity<br>L | Elements<br>max.no | Output<br>$\Delta t$ 50 °C<br>W | Output<br>$\Delta t$ 42,5°C<br>W | Output<br>$\Delta t$ 30°C<br>W | Output<br>$\Delta t$ 20°C<br>W | Esp.<br>n |
|------------------|--------------------------------|--------------------------|-----------------------|---------------|--------------------|---------------------------------|----------------------------------|--------------------------------|--------------------------------|-----------|
| NF 300           | OQ0040300ee0000                | 230                      | 0,9                   | 0,8           | 40                 | 42,3                            | 34,5                             | 22,3                           | 13,4                           | 1,252     |
| NF 400           | OQ0040400ee0000                | L 330                    | 1,2                   | 0,9           | 40                 | 55,5                            | 45,2                             | 29,2                           | 17,5                           | 1,257     |
| NF 500           | OQ0040500ee0000                | L 430                    | 1,5                   | 1,1           | 40                 | 68,3                            | 55,7                             | 35,8                           | 21,5                           | 1,263     |
| 510              | OQ0040510ee0000                | 440                      | 1,5                   | 1,1           | 40                 | 69,6                            | 56,7                             | 36,5                           | 21,9                           | 1,263     |
| NF 550           | OQ0040550ee0000                | 480                      | 1,6                   | 1,2           | 40                 | 74,7                            | 60,8                             | 39,1                           | 23,4                           | 1,265     |
| 570              | OQ0040570ee0000                | A 500                    | 1,7                   | 1,2           | 40                 | 77,2                            | 62,8                             | 40,4                           | 24,2                           | 1,266     |
| NF 600           | OQ0040600ee0000                | L 530                    | 1,8                   | 1,2           | 40                 | 81,1                            | 66,0                             | 42,4                           | 25,4                           | 1,268     |
| 610              | OQ0040610ee0000                | 540                      | 1,8                   | 1,2           | 40                 | 82,3                            | 67,0                             | 43,1                           | 25,7                           | 1,269     |
| 670              | OQ0040670ee0000                | A 600                    | 2,0                   | 1,3           | 40                 | 89,9                            | 73,2                             | 47,0                           | 28,1                           | 1,272     |
| NF 685           | OQ0040685ee0000                | G 615                    | 2,0                   | 1,4           | 40                 | 91,8                            | 74,8                             | 47,9                           | 28,6                           | 1,273     |
| NF 750           | OQ0040750ee0000                | 680                      | 2,2                   | 1,5           | 40                 | 100,0                           | 81,2                             | 52,1                           | 31,1                           | 1,276     |
| 770              | OQ0040770ee0000                | A 700                    | 2,3                   | 1,5           | 40                 | 103,0                           | 83,2                             | 53,4                           | 31,8                           | 1,277     |
| 800              | OQ0040800ee0000                | L 730                    | 2,4                   | 1,6           | 40                 | 106,0                           | 86,4                             | 55,3                           | 33,0                           | 1,279     |
| 870              | OQ0040870ee0000                | A 800                    | 2,4                   | 1,6           | 40                 | 115,0                           | 92,5                             | 59,9                           | 35,3                           | 1,280     |
| NF 885           | OQ0040885ee0000                | G 815                    | 2,6                   | 1,7           | 40                 | 117,0                           | 95,2                             | 60,7                           | 36,2                           | 1,284     |
| NF 900           | OQ0040900ee0000                | 830                      | 2,6                   | 1,7           | 40                 | 119,0                           | 96,4                             | 61,7                           | 36,6                           | 1,284     |
| 910              | OQ0040910ee0000                | 840                      | 2,6                   | 1,7           | 40                 | 120,0                           | 97,6                             | 62,3                           | 37,0                           | 1,285     |
| NF 1000          | OQ0041000ee0000                | L 930                    | 2,9                   | 1,9           | 40                 | 132,0                           | 106,7                            | 68,0                           | 40,4                           | 1,290     |
| NF 1200          | OQ0041200ee0000                | 1130                     | 3,5                   | 2,2           | 30                 | 157,0                           | 126,9                            | 80,7                           | 47,7                           | 1,297     |
| NF 1500          | OQ0041500ee0000                | 1430                     | 4,4                   | 2,7           | 30                 | 194,0                           | 157,4                            | 99,7                           | 58,7                           | 1,308     |
| NF 1800          | OQ0041800ee0000                | 1730                     | 5,3                   | 3,1           | 24                 | 232,0                           | 187,4                            | 119,0                          | 69,4                           | 1,318     |
| NF 2000          | OQ0042000ee0000                | 1930                     | 5,8                   | 3,4           | 24                 | 258,0                           | 208,6                            | 132,0                          | 77,4                           | 1,315     |
| NF 2200          | OQ0042200ee0000                | 2130                     | 6,3                   | 3,8           | 14                 | 284,0                           | 229,2                            | 145,0                          | 85,3                           | 1,311     |
| NF 2500          | OQ0042500ee0000                | 2430                     | 7,1                   | 4,2           | 14                 | 322,0                           | 260,3                            | 166,0                          | 97,4                           | 1,305     |

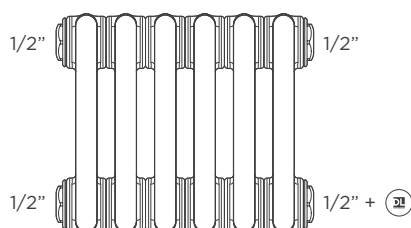
A = pipe centre compatible with aluminium radiators

G = pipe centre compatible with cast iron radiators

L = pipe centre compatible with bar radiators

ee = number of elements

### Standard configuration



### Standard connections and accessories:

in the standard configuration, the Multicolonna radiator is delivered with 4 x 1/2" reducers and 1 x 1/2" blind plug pre-mounted.

This configuration is highly versatile as it makes the product fully reversible.

Vent and brackets not supplied as standard.

### Possible battery lengths:

welded from 2 to a maximum of 40 elements.

For batteries above the dimensional limit, nipping can be carried out directly on site by ordering the relevant accessories.

#### 4 Columns - Depth 148 mm - Heat outputs at $\Delta t$ 50 °C - Data table for complete batteries with reducers mounted

| Height                     |      | 300 | 400  | 500  | 510  | 550  | 570  | 600  | 610  | 670  | 685  | 750  | 770  |      |
|----------------------------|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|
| Maximum number of elements |      | 40  | 40   | 40   | 40   | 40   | 40   | 40   | 40   | 40   | 40   | 40   | 40   |      |
| Length (mm)                | 118  | W   | 85   | 111  | 137  | 140  | 149  | 154  | 162  | 165  | 180  | 184  | 200  | 206  |
| No. elements               | 2    |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 164  | W   | 127  | 167  | 205  | 210  | 224  | 232  | 243  | 247  | 270  | 275  | 300  | 309  |
| No. elements               | 3    |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 210  | W   | 169  | 222  | 273  | 280  | 299  | 309  | 324  | 329  | 360  | 367  | 400  | 412  |
| No. elements               | 4    |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 256  | W   | 212  | 278  | 342  | 350  | 374  | 386  | 406  | 412  | 450  | 459  | 500  | 515  |
| No. elements               | 5    |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 302  | W   | 254  | 333  | 410  | 419  | 448  | 463  | 487  | 494  | 539  | 551  | 600  | 618  |
| No. elements               | 6    |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 348  | W   | 296  | 389  | 478  | 489  | 523  | 540  | 568  | 576  | 629  | 643  | 700  | 721  |
| No. elements               | 7    |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 394  | W   | 338  | 444  | 546  | 559  | 598  | 618  | 649  | 658  | 719  | 734  | 800  | 824  |
| No. elements               | 8    |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 440  | W   | 381  | 500  | 615  | 629  | 672  | 695  | 730  | 741  | 809  | 826  | 900  | 927  |
| No. elements               | 9    |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 486  | W   | 423  | 555  | 683  | 699  | 747  | 772  | 811  | 823  | 899  | 918  | 1000 | 1030 |
| No. elements               | 10   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 532  | W   | 465  | 611  | 751  | 769  | 822  | 849  | 892  | 905  | 989  | 1010 | 1100 | 1133 |
| No. elements               | 11   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 578  | W   | 508  | 666  | 820  | 839  | 896  | 926  | 973  | 988  | 1079 | 1102 | 1200 | 1236 |
| No. elements               | 12   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 624  | W   | 550  | 722  | 888  | 909  | 971  | 1004 | 1054 | 1070 | 1169 | 1193 | 1300 | 1339 |
| No. elements               | 13   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 670  | W   | 592  | 777  | 956  | 979  | 1046 | 1081 | 1135 | 1152 | 1259 | 1285 | 1400 | 1442 |
| No. elements               | 14   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 716  | W   | 635  | 833  | 1025 | 1049 | 1121 | 1158 | 1217 | 1235 | 1349 | 1377 | 1500 | 1545 |
| No. elements               | 15   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 762  | W   | 677  | 888  | 1093 | 1118 | 1195 | 1235 | 1298 | 1317 | 1438 | 1469 | 1600 | 1648 |
| No. elements               | 16   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 808  | W   | 719  | 944  | 1161 | 1188 | 1270 | 1312 | 1379 | 1399 | 1528 | 1561 | 1700 | 1751 |
| No. elements               | 17   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 854  | W   | 761  | 999  | 1229 | 1258 | 1345 | 1390 | 1460 | 1481 | 1618 | 1652 | 1800 | 1854 |
| No. elements               | 18   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 900  | W   | 804  | 1055 | 1298 | 1328 | 1419 | 1467 | 1541 | 1564 | 1708 | 1744 | 1900 | 1957 |
| No. elements               | 19   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 946  | W   | 846  | 1110 | 1366 | 1398 | 1494 | 1544 | 1622 | 1646 | 1798 | 1836 | 2000 | 2060 |
| No. elements               | 20   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 992  | W   | 888  | 1166 | 1434 | 1468 | 1569 | 1621 | 1703 | 1728 | 1888 | 1928 | 2100 | 2163 |
| No. elements               | 21   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1038 | W   | 931  | 1221 | 1503 | 1538 | 1643 | 1698 | 1784 | 1811 | 1978 | 2020 | 2200 | 2266 |
| No. elements               | 22   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1084 | W   | 973  | 1277 | 1571 | 1608 | 1718 | 1776 | 1865 | 1893 | 2068 | 2111 | 2300 | 2369 |
| No. elements               | 23   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1130 | W   | 1015 | 1332 | 1639 | 1678 | 1793 | 1853 | 1946 | 1975 | 2158 | 2203 | 2400 | 2472 |
| No. elements               | 24   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1176 | W   | 1058 | 1388 | 1708 | 1748 | 1868 | 1930 | 2028 | 2058 | 2248 | 2295 | 2500 | 2575 |
| No. elements               | 25   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1222 | W   | 1100 | 1443 | 1776 | 1817 | 1942 | 2007 | 2109 | 2140 | 2337 | 2387 | 2600 | 2678 |
| No. elements               | 26   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1268 | W   | 1142 | 1499 | 1844 | 1887 | 2017 | 2084 | 2190 | 2222 | 2427 | 2479 | 2700 | 2781 |
| No. elements               | 27   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1314 | W   | 1184 | 1554 | 1912 | 1957 | 2092 | 2162 | 2271 | 2304 | 2517 | 2570 | 2800 | 2884 |
| No. elements               | 28   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1360 | W   | 1227 | 1610 | 1981 | 2027 | 2166 | 2239 | 2352 | 2387 | 2607 | 2662 | 2900 | 2987 |
| No. elements               | 29   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1406 | W   | 1269 | 1665 | 2049 | 2097 | 2241 | 2316 | 2433 | 2469 | 2697 | 2754 | 3000 | 3090 |
| No. elements               | 30   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1452 | W   | 1311 | 1721 | 2117 | 2167 | 2316 | 2393 | 2514 | 2551 | 2787 | 2846 | 3100 | 3193 |
| No. elements               | 31   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1498 | W   | 1354 | 1776 | 2186 | 2237 | 2390 | 2470 | 2595 | 2634 | 2877 | 2938 | 3200 | 3296 |
| No. elements               | 32   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1544 | W   | 1396 | 1832 | 2254 | 2307 | 2465 | 2548 | 2676 | 2716 | 2967 | 3029 | 3300 | 3399 |
| No. elements               | 33   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1590 | W   | 1438 | 1887 | 2322 | 2377 | 2540 | 2625 | 2757 | 2798 | 3057 | 3121 | 3400 | 3502 |
| No. elements               | 34   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1636 | W   | 1481 | 1943 | 2391 | 2447 | 2615 | 2702 | 2839 | 2881 | 3147 | 3213 | 3500 | 3605 |
| No. elements               | 35   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1682 | W   | 1523 | 1998 | 2459 | 2516 | 2689 | 2779 | 2920 | 2963 | 3236 | 3305 | 3600 | 3708 |
| No. elements               | 36   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1728 | W   | 1565 | 2054 | 2527 | 2586 | 2764 | 2856 | 3001 | 3045 | 3326 | 3397 | 3700 | 3811 |
| No. elements               | 37   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1774 | W   | 1607 | 2109 | 2595 | 2656 | 2839 | 2934 | 3082 | 3127 | 3416 | 3488 | 3800 | 3914 |
| No. elements               | 38   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1820 | W   | 1650 | 2165 | 2664 | 2726 | 2913 | 3011 | 3163 | 3210 | 3506 | 3580 | 3900 | 4017 |
| No. elements               | 39   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1866 | W   | 1692 | 2220 | 2732 | 2796 | 2988 | 3088 | 3244 | 3292 | 3596 | 3672 | 4000 | 4120 |
| No. elements               | 40   |     |      |      |      |      |      |      |      |      |      |      |      |      |

4 Columns - Depth 148 mm - Heat outputs at  $\Delta t$  50 °C - Data table for complete batteries with reducers mounted

| Height                     |      | 800 | 870  | 885  | 900  | 910  | 1000 | 1200 | 1500 | 1800 | 2000 | 2200 | 2500 |      |
|----------------------------|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|
| Maximum number of elements |      | 40  | 40   | 40   | 40   | 40   | 40   | 30   | 30   | 24   | 24   | 14   | 14   |      |
| Length (mm)                | 118  | W   | 212  | 230  | 234  | 238  | 240  | 264  | 314  | 388  | 464  | 516  | 568  | 644  |
| No. elements               | 2    |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 164  | W   | 318  | 345  | 351  | 357  | 360  | 396  | 471  | 582  | 696  | 774  | 852  | 966  |
| No. elements               | 3    |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 210  | W   | 424  | 460  | 468  | 476  | 480  | 528  | 628  | 776  | 928  | 1032 | 1136 | 1288 |
| No. elements               | 4    |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 256  | W   | 530  | 575  | 585  | 595  | 600  | 660  | 785  | 970  | 1160 | 1290 | 1420 | 1610 |
| No. elements               | 5    |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 302  | W   | 636  | 690  | 702  | 714  | 720  | 792  | 942  | 1164 | 1392 | 1548 | 1704 | 1932 |
| No. elements               | 6    |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 348  | W   | 742  | 805  | 819  | 833  | 840  | 924  | 1099 | 1358 | 1624 | 1806 | 1988 | 2254 |
| No. elements               | 7    |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 394  | W   | 848  | 920  | 936  | 952  | 960  | 1056 | 1256 | 1552 | 1856 | 2064 | 2272 | 2576 |
| No. elements               | 8    |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 440  | W   | 954  | 1035 | 1053 | 1071 | 1080 | 1188 | 1413 | 1746 | 2088 | 2322 | 2556 | 2898 |
| No. elements               | 9    |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 486  | W   | 1060 | 1150 | 1170 | 1190 | 1200 | 1320 | 1570 | 1940 | 2320 | 2580 | 2840 | 3220 |
| No. elements               | 10   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 532  | W   | 1166 | 1265 | 1287 | 1309 | 1320 | 1452 | 1727 | 2134 | 2552 | 2838 | 3124 | 3542 |
| No. elements               | 11   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 578  | W   | 1272 | 1380 | 1404 | 1428 | 1440 | 1584 | 1884 | 2328 | 2784 | 3096 | 3408 | 3864 |
| No. elements               | 12   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 624  | W   | 1378 | 1495 | 1521 | 1547 | 1560 | 1716 | 2041 | 2522 | 3016 | 3354 | 3692 | 4186 |
| No. elements               | 13   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 670  | W   | 1484 | 1610 | 1638 | 1666 | 1680 | 1848 | 2198 | 2716 | 3248 | 3612 | 3976 | 4508 |
| No. elements               | 14   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 716  | W   | 1590 | 1725 | 1755 | 1785 | 1800 | 1980 | 2355 | 2910 | 3480 | 3870 | -    | -    |
| No. elements               | 15   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 762  | W   | 1696 | 1840 | 1872 | 1904 | 1920 | 2112 | 2512 | 3104 | 3712 | 4128 | -    | -    |
| No. elements               | 16   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 808  | W   | 1802 | 1955 | 1989 | 2023 | 2040 | 2244 | 2669 | 3298 | 3944 | 4386 | -    | -    |
| No. elements               | 17   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 854  | W   | 1908 | 2070 | 2106 | 2142 | 2160 | 2376 | 2826 | 3492 | 4176 | 4644 | -    | -    |
| No. elements               | 18   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 900  | W   | 2014 | 2185 | 2223 | 2261 | 2280 | 2508 | 2983 | 3686 | 4408 | 4902 | -    | -    |
| No. elements               | 19   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 946  | W   | 2120 | 2300 | 2340 | 2380 | 2400 | 2640 | 3140 | 3880 | 4640 | 5160 | -    | -    |
| No. elements               | 20   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 992  | W   | 2226 | 2415 | 2457 | 2499 | 2520 | 2772 | 3297 | 4074 | 4872 | 5418 | -    | -    |
| No. elements               | 21   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1038 | W   | 2332 | 2530 | 2574 | 2618 | 2640 | 2904 | 3454 | 4268 | 5104 | 5676 | -    | -    |
| No. elements               | 22   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1084 | W   | 2438 | 2645 | 2691 | 2737 | 2760 | 3036 | 3611 | 4462 | 5336 | 5934 | -    | -    |
| No. elements               | 23   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1130 | W   | 2544 | 2760 | 2808 | 2856 | 2880 | 3168 | 3768 | 4656 | 5568 | 6192 | -    | -    |
| No. elements               | 24   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1176 | W   | 2650 | 2875 | 2925 | 2975 | 3000 | 3300 | 3925 | 4850 | -    | -    | -    | -    |
| No. elements               | 25   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1222 | W   | 2756 | 2990 | 3042 | 3094 | 3120 | 3432 | 4082 | 5044 | -    | -    | -    | -    |
| No. elements               | 26   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1268 | W   | 2862 | 3105 | 3159 | 3213 | 3240 | 3564 | 4239 | 5238 | -    | -    | -    | -    |
| No. elements               | 27   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1314 | W   | 2968 | 3220 | 3276 | 3332 | 3360 | 3696 | 4396 | 5432 | -    | -    | -    | -    |
| No. elements               | 28   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1360 | W   | 3074 | 3335 | 3393 | 3451 | 3480 | 3828 | 4553 | 5626 | -    | -    | -    | -    |
| No. elements               | 29   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1406 | W   | 3180 | 3450 | 3510 | 3570 | 3600 | 3960 | 4710 | 5820 | -    | -    | -    | -    |
| No. elements               | 30   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1452 | W   | 3286 | 3565 | 3627 | 3689 | 3720 | 4092 | -    | -    | -    | -    | -    | -    |
| No. elements               | 31   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1498 | W   | 3392 | 3680 | 3744 | 3808 | 3840 | 4224 | -    | -    | -    | -    | -    | -    |
| No. elements               | 32   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1544 | W   | 3498 | 3795 | 3861 | 3927 | 3960 | 4356 | -    | -    | -    | -    | -    | -    |
| No. elements               | 33   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1590 | W   | 3604 | 3910 | 3978 | 4046 | 4080 | 4488 | -    | -    | -    | -    | -    | -    |
| No. elements               | 34   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1636 | W   | 3710 | 4025 | 4095 | 4165 | 4200 | 4620 | -    | -    | -    | -    | -    | -    |
| No. elements               | 35   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1682 | W   | 3816 | 4140 | 4212 | 4284 | 4320 | 4752 | -    | -    | -    | -    | -    | -    |
| No. elements               | 36   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1728 | W   | 3922 | 4255 | 4329 | 4403 | 4440 | 4884 | -    | -    | -    | -    | -    | -    |
| No. elements               | 37   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1774 | W   | 4028 | 4370 | 4446 | 4522 | 4560 | 5016 | -    | -    | -    | -    | -    | -    |
| No. elements               | 38   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1820 | W   | 4134 | 4485 | 4563 | 4641 | 4680 | 5148 | -    | -    | -    | -    | -    | -    |
| No. elements               | 39   |     |      |      |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1866 | W   | 4240 | 4600 | 4680 | 4760 | 4800 | 5280 | -    | -    | -    | -    | -    | -    |
| No. elements               | 40   |     |      |      |      |      |      |      |      |      |      |      |      |      |

## MULTICOLONNA 5 Columns

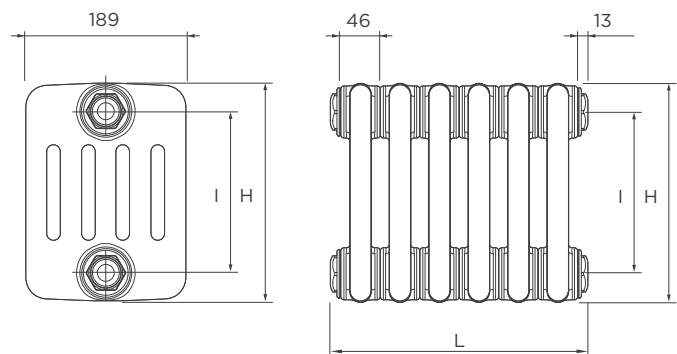


Image for illustrative purposes only

### Technical specifications

Material: UNI EN 10130:2007 steel  
 Round vertical tubes, diameter 25 mm  
 Element width: 46 mm  
 Laser-welded manifolds  
 Manifold thread 1 1/4 G rhs or lhs  
 Working pressure 10 bar  
 Test pressure 13 bar  
 Maximum operating temperature 110° C

Dimensions are in mm



H: height

I : pipe centre (H-70)

L: length with bungs fitted (no. elements x 46) + 26

| Height<br>H (mm) | Code<br>standard configuration | Pipe<br>centre<br>l (mm) | Empty<br>weight<br>Kg | Capacity<br>L | Elements<br>max.no | Output<br>$\Delta t$ 50 °C<br>W | Output<br>$\Delta t$ 42,5°C<br>W | Output<br>$\Delta t$ 30°C<br>W | Output<br>$\Delta t$ 20°C<br>W | Esp.<br>n |
|------------------|--------------------------------|--------------------------|-----------------------|---------------|--------------------|---------------------------------|----------------------------------|--------------------------------|--------------------------------|-----------|
| NF 300           | OQ0050300ee0000                | 230                      | 1,2                   | 1,0           | 40                 | 51,9                            | 42,4                             | 27,4                           | 16,5                           | 1,253     |
| NF 400           | OQ0050400ee0000                | L 330                    | 1,6                   | 1,2           | 40                 | 67,2                            | 54,7                             | 35,3                           | 21,2                           | 1,261     |
| NF 500           | OQ0050500ee0000                | L 430                    | 1,9                   | 1,4           | 40                 | 82,2                            | 67,0                             | 43,0                           | 25,7                           | 1,270     |
| NF 510           | -                              | -                        | -                     | -             | -                  | -                               | -                                | -                              | -                              | -         |
| NF 550           | -                              | -                        | -                     | -             | -                  | -                               | -                                | -                              | -                              | -         |
| 570              | OQ0050570ee0000                | A 500                    | 2,2                   | 1,5           | 40                 | 92,6                            | 75,4                             | 48,2                           | 28,8                           | 1,276     |
| NF 600           | OQ0050600ee0000                | L 530                    | 2,3                   | 1,6           | 40                 | 97,0                            | 78,8                             | 50,5                           | 30,1                           | 1,278     |
| NF 610           | -                              | -                        | -                     | -             | -                  | -                               | -                                | -                              | -                              | -         |
| 670              | OQ0050670ee0000                | A 600                    | 2,5                   | 1,7           | 40                 | 107,0                           | 87,2                             | 55,7                           | 33,1                           | 1,284     |
| NF 685           | OQ0050685ee0000                | G 615                    | 2,7                   | 1,7           | 40                 | 110,0                           | 88,8                             | 56,8                           | 33,7                           | 1,285     |
| NF 750           | OQ0050750ee0000                | 680                      | 2,8                   | 1,8           | 40                 | 119,0                           | 96,6                             | 61,5                           | 36,5                           | 1,291     |
| 770              | OQ0050770ee0000                | A 700                    | 2,9                   | 1,8           | 40                 | 122,0                           | 99,1                             | 63,0                           | 37,4                           | 1,293     |
| 800              | OQ0050800ee0000                | L 730                    | 3,1                   | 1,9           | 40                 | 126,0                           | 102,9                            | 65,2                           | 38,8                           | 1,295     |
| 870              | OQ0050870ee0000                | A 800                    | 3,3                   | 1,9           | 40                 | 137,0                           | 110,5                            | 70,2                           | 41,4                           | 1,301     |
| NF 885           | OQ0050885ee0000                | G 815                    | 3,4                   | 2,1           | 40                 | 139,0                           | 112,3                            | 71,3                           | 42,1                           | 1,302     |
| NF 900           | OQ0050900ee0000                | 830                      | 3,5                   | 2,1           | 40                 | 141,0                           | 113,9                            | 72,4                           | 42,7                           | 1,303     |
| 910              | -                              | -                        | -                     | -             | -                  | -                               | -                                | -                              | -                              | -         |
| NF 1000          | OQ0051000ee0000                | L 930                    | 3,7                   | 2,3           | 40                 | 155,0                           | 125,8                            | 79,5                           | 46,8                           | 1,312     |
| NF 1200          | OQ0051200ee0000                | 1130                     | 4,4                   | 2,7           | 25                 | 184,0                           | 148,9                            | 94,0                           | 55,1                           | 1,320     |
| NF 1500          | OQ0051500ee0000                | 1430                     | 5,5                   | 3,3           | 25                 | 228,0                           | 183,7                            | 116,0                          | 67,3                           | 1,332     |
| NF 1800          | OQ0051800ee0000                | 1730                     | 6,5                   | 3,9           | 15                 | 273,0                           | 219,4                            | 137,0                          | 79,6                           | 1,345     |
| NF 2000          | OQ0052000ee0000                | 1930                     | 7,2                   | 4,3           | 15                 | 303,0                           | 243,5                            | 153,0                          | 88,8                           | 1,338     |
| NF 2200          | OQ0052200ee0000                | 2130                     | 7,9                   | 4,7           | 12                 | 333,0                           | 268,9                            | 169,0                          | 98,5                           | 1,332     |
| NF 2500          | OQ0052500ee0000                | 2430                     | 9,0                   | 5,3           | 12                 | 380,0                           | 306,8                            | 193,0                          | 113,3                          | 1,322     |

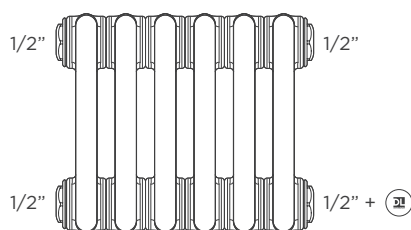
A = pipe centre compatible with aluminium radiators

G = pipe centre compatible with cast iron radiators

L = pipe centre compatible with bar radiators

ee = number of elements

### Standard configuration



### Standard connections and accessories:

in the standard configuration, the Multicolonna radiator is delivered with 4 x 1/2" reducers and 1 x 1/2" blind plug pre-mounted.

This configuration is highly versatile as it makes the product fully reversible.

Vent and brackets not supplied as standard.

### Possible battery lengths:

welded from 2 to a maximum of 40 elements.

For batteries above the dimensional limit, nipping can be carried out directly on site by ordering the relevant accessories.

## 5 Columns - Depth 189 mm - Heat outputs at $\Delta t$ 50 °C - Data table for complete batteries with reducers mounted

| Height                     |      |   | 300  | 400  | 500  | 570  | 600  | 670  | 685  | 750  | 770  | 800  |
|----------------------------|------|---|------|------|------|------|------|------|------|------|------|------|
| Maximum number of elements |      |   | 40   | 40   | 40   | 40   | 40   | 40   | 40   | 40   | 40   | 40   |
| Length (mm)                | 118  | W | 104  | 134  | 164  | 185  | 194  | 214  | 220  | 238  | 244  | 252  |
| No. elements               | 2    |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 164  | W | 156  | 202  | 247  | 278  | 291  | 321  | 330  | 357  | 366  | 378  |
| No. elements               | 3    |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 210  | W | 208  | 269  | 329  | 370  | 388  | 428  | 440  | 476  | 488  | 504  |
| No. elements               | 4    |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 256  | W | 260  | 336  | 411  | 463  | 485  | 535  | 550  | 595  | 610  | 630  |
| No. elements               | 5    |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 302  | W | 311  | 403  | 493  | 556  | 582  | 642  | 660  | 714  | 732  | 756  |
| No. elements               | 6    |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 348  | W | 363  | 470  | 575  | 648  | 679  | 749  | 770  | 833  | 854  | 882  |
| No. elements               | 7    |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 394  | W | 415  | 538  | 658  | 741  | 776  | 856  | 880  | 952  | 976  | 1008 |
| No. elements               | 8    |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 440  | W | 467  | 605  | 740  | 833  | 873  | 963  | 990  | 1071 | 1098 | 1134 |
| No. elements               | 9    |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 486  | W | 519  | 672  | 822  | 926  | 970  | 1070 | 1100 | 1190 | 1220 | 1260 |
| No. elements               | 10   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 532  | W | 571  | 739  | 904  | 1019 | 1067 | 1177 | 1210 | 1309 | 1342 | 1386 |
| No. elements               | 11   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 578  | W | 623  | 806  | 986  | 1111 | 1164 | 1284 | 1320 | 1428 | 1464 | 1512 |
| No. elements               | 12   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 624  | W | 675  | 874  | 1069 | 1204 | 1261 | 1391 | 1430 | 1547 | 1586 | 1638 |
| No. elements               | 13   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 670  | W | 727  | 941  | 1151 | 1296 | 1358 | 1498 | 1540 | 1666 | 1708 | 1764 |
| No. elements               | 14   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 716  | W | 779  | 1008 | 1233 | 1389 | 1455 | 1605 | 1650 | 1785 | 1830 | 1890 |
| No. elements               | 15   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 762  | W | 830  | 1075 | 1315 | 1482 | 1552 | 1712 | 1760 | 1904 | 1952 | 2016 |
| No. elements               | 16   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 808  | W | 882  | 1142 | 1397 | 1574 | 1649 | 1819 | 1870 | 2023 | 2074 | 2142 |
| No. elements               | 17   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 854  | W | 934  | 1210 | 1480 | 1667 | 1746 | 1926 | 1980 | 2142 | 2196 | 2268 |
| No. elements               | 18   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 900  | W | 986  | 1277 | 1562 | 1759 | 1843 | 2033 | 2090 | 2261 | 2318 | 2394 |
| No. elements               | 19   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 946  | W | 1038 | 1344 | 1644 | 1852 | 1940 | 2140 | 2200 | 2380 | 2440 | 2520 |
| No. elements               | 20   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 992  | W | 1090 | 1411 | 1726 | 1945 | 2037 | 2247 | 2310 | 2499 | 2562 | 2646 |
| No. elements               | 21   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1038 | W | 1142 | 1478 | 1808 | 2037 | 2134 | 2354 | 2420 | 2618 | 2684 | 2772 |
| No. elements               | 22   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1084 | W | 1194 | 1546 | 1891 | 2130 | 2231 | 2461 | 2530 | 2737 | 2806 | 2898 |
| No. elements               | 23   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1130 | W | 1246 | 1613 | 1973 | 2222 | 2328 | 2568 | 2640 | 2856 | 2928 | 3024 |
| No. elements               | 24   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1176 | W | 1298 | 1680 | 2055 | 2315 | 2425 | 2675 | 2750 | 2975 | 3050 | 3150 |
| No. elements               | 25   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1222 | W | 1349 | 1747 | 2137 | 2408 | 2522 | 2782 | 2860 | 3094 | 3172 | 3276 |
| No. elements               | 26   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1268 | W | 1401 | 1814 | 2219 | 2500 | 2619 | 2889 | 2970 | 3213 | 3294 | 3402 |
| No. elements               | 27   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1314 | W | 1453 | 1882 | 2302 | 2593 | 2716 | 2996 | 3080 | 3332 | 3416 | 3528 |
| No. elements               | 28   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1360 | W | 1505 | 1949 | 2384 | 2685 | 2813 | 3103 | 3190 | 3451 | 3538 | 3654 |
| No. elements               | 29   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1406 | W | 1557 | 2016 | 2466 | 2778 | 2910 | 3210 | 3300 | 3570 | 3660 | 3780 |
| No. elements               | 30   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1452 | W | 1609 | 2083 | 2548 | 2871 | 3007 | 3317 | 3410 | 3689 | 3782 | 3906 |
| No. elements               | 31   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1498 | W | 1661 | 2150 | 2630 | 2963 | 3104 | 3424 | 3520 | 3808 | 3904 | 4032 |
| No. elements               | 32   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1544 | W | 1713 | 2218 | 2713 | 3056 | 3201 | 3531 | 3630 | 3927 | 4026 | 4158 |
| No. elements               | 33   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1590 | W | 1765 | 2285 | 2795 | 3148 | 3298 | 3638 | 3740 | 4046 | 4148 | 4284 |
| No. elements               | 34   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1636 | W | 1817 | 2352 | 2877 | 3241 | 3395 | 3745 | 3850 | 4165 | 4270 | 4410 |
| No. elements               | 35   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1682 | W | 1868 | 2419 | 2959 | 3334 | 3492 | 3852 | 3960 | 4284 | 4392 | 4536 |
| No. elements               | 36   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1728 | W | 1920 | 2486 | 3041 | 3426 | 3589 | 3959 | 4070 | 4403 | 4514 | 4662 |
| No. elements               | 37   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1774 | W | 1972 | 2554 | 3124 | 3519 | 3686 | 4066 | 4180 | 4522 | 4636 | 4788 |
| No. elements               | 38   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1820 | W | 2024 | 2621 | 3206 | 3611 | 3783 | 4173 | 4290 | 4641 | 4758 | 4914 |
| No. elements               | 39   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1866 | W | 2076 | 2688 | 3288 | 3704 | 3880 | 4280 | 4400 | 4760 | 4880 | 5040 |
| No. elements               | 40   |   |      |      |      |      |      |      |      |      |      |      |



5 Columns - Depth 189 mm - Heat outputs at  $\Delta t$  50 °C - Data table for complete batteries with reducers mounted

| Height                     |      |   | 870  | 885  | 900  | 1000 | 1200 | 1500 | 1800 | 2000 | 2200 | 2500 |
|----------------------------|------|---|------|------|------|------|------|------|------|------|------|------|
| Maximum number of elements |      |   | 40   | 40   | 40   | 40   | 25   | 25   | 15   | 15   | 12   | 12   |
| Length (mm)                | 118  | W | 274  | 278  | 282  | 310  | 368  | 456  | 546  | 606  | 666  | 760  |
| No. elements               | 2    |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 164  | W | 411  | 417  | 423  | 465  | 552  | 684  | 819  | 909  | 999  | 1140 |
| No. elements               | 3    |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 210  | W | 548  | 556  | 564  | 620  | 736  | 912  | 1092 | 1212 | 1332 | 1520 |
| No. elements               | 4    |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 256  | W | 685  | 695  | 705  | 775  | 920  | 1140 | 1365 | 1515 | 1665 | 1900 |
| No. elements               | 5    |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 302  | W | 822  | 834  | 846  | 930  | 1104 | 1368 | 1638 | 1818 | 1998 | 2280 |
| No. elements               | 6    |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 348  | W | 959  | 973  | 987  | 1085 | 1288 | 1596 | 1911 | 2121 | 2331 | 2660 |
| No. elements               | 7    |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 394  | W | 1096 | 1112 | 1128 | 1240 | 1472 | 1824 | 2184 | 2424 | 2664 | 3040 |
| No. elements               | 8    |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 440  | W | 1233 | 1251 | 1269 | 1395 | 1656 | 2052 | 2457 | 2727 | 2997 | 3420 |
| No. elements               | 9    |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 486  | W | 1370 | 1390 | 1410 | 1550 | 1840 | 2280 | 2730 | 3030 | 3330 | 3800 |
| No. elements               | 10   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 532  | W | 1507 | 1529 | 1551 | 1705 | 2024 | 2508 | 3003 | 3333 | 3663 | 4180 |
| No. elements               | 11   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 578  | W | 1644 | 1668 | 1692 | 1860 | 2208 | 2736 | 3276 | 3636 | 3996 | 4560 |
| No. elements               | 12   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 624  | W | 1781 | 1807 | 1833 | 2015 | 2392 | 2964 | 3549 | 3939 | -    | -    |
| No. elements               | 13   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 670  | W | 1918 | 1946 | 1974 | 2170 | 2576 | 3192 | 3822 | 4242 | -    | -    |
| No. elements               | 14   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 716  | W | 2055 | 2085 | 2115 | 2325 | 2760 | 3420 | 4095 | 4545 | -    | -    |
| No. elements               | 15   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 762  | W | 2192 | 2224 | 2256 | 2480 | 2944 | 3648 | -    | -    | -    | -    |
| No. elements               | 16   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 808  | W | 2329 | 2363 | 2397 | 2635 | 3128 | 3876 | -    | -    | -    | -    |
| No. elements               | 17   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 854  | W | 2466 | 2502 | 2538 | 2790 | 3312 | 4104 | -    | -    | -    | -    |
| No. elements               | 18   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 900  | W | 2603 | 2641 | 2679 | 2945 | 3496 | 4332 | -    | -    | -    | -    |
| No. elements               | 19   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 946  | W | 2740 | 2780 | 2820 | 3100 | 3680 | 4560 | -    | -    | -    | -    |
| No. elements               | 20   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 992  | W | 2877 | 2919 | 2961 | 3255 | 3864 | 4788 | -    | -    | -    | -    |
| No. elements               | 21   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1038 | W | 3014 | 3058 | 3102 | 3410 | 4048 | 5016 | -    | -    | -    | -    |
| No. elements               | 22   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1084 | W | 3151 | 3197 | 3243 | 3565 | 4232 | 5244 | -    | -    | -    | -    |
| No. elements               | 23   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1130 | W | 3288 | 3336 | 3384 | 3720 | 4416 | 5472 | -    | -    | -    | -    |
| No. elements               | 24   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1176 | W | 3425 | 3475 | 3525 | 3875 | 4600 | 5700 | -    | -    | -    | -    |
| No. elements               | 25   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1222 | W | 3562 | 3614 | 3666 | 4030 | -    | -    | -    | -    | -    | -    |
| No. elements               | 26   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1268 | W | 3699 | 3753 | 3807 | 4185 | -    | -    | -    | -    | -    | -    |
| No. elements               | 27   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1314 | W | 3836 | 3892 | 3948 | 4340 | -    | -    | -    | -    | -    | -    |
| No. elements               | 28   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1360 | W | 3973 | 4031 | 4089 | 4495 | -    | -    | -    | -    | -    | -    |
| No. elements               | 29   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1406 | W | 4110 | 4170 | 4230 | 4650 | -    | -    | -    | -    | -    | -    |
| No. elements               | 30   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1452 | W | 4247 | 4309 | 4371 | 4805 | -    | -    | -    | -    | -    | -    |
| No. elements               | 31   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1498 | W | 4384 | 4448 | 4512 | 4960 | -    | -    | -    | -    | -    | -    |
| No. elements               | 32   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1544 | W | 4521 | 4587 | 4653 | 5115 | -    | -    | -    | -    | -    | -    |
| No. elements               | 33   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1590 | W | 4658 | 4726 | 4794 | 5270 | -    | -    | -    | -    | -    | -    |
| No. elements               | 34   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1636 | W | 4795 | 4865 | 4935 | 5425 | -    | -    | -    | -    | -    | -    |
| No. elements               | 35   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1682 | W | 4932 | 5004 | 5076 | 5580 | -    | -    | -    | -    | -    | -    |
| No. elements               | 36   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1728 | W | 5069 | 5143 | 5217 | 5735 | -    | -    | -    | -    | -    | -    |
| No. elements               | 37   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1774 | W | 5206 | 5282 | 5358 | 5890 | -    | -    | -    | -    | -    | -    |
| No. elements               | 38   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1820 | W | 5343 | 5421 | 5499 | 6045 | -    | -    | -    | -    | -    | -    |
| No. elements               | 39   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1866 | W | 5480 | 5560 | 5640 | 6200 | -    | -    | -    | -    | -    | -    |
| No. elements               | 40   |   |      |      |      |      |      |      |      |      |      |      |

## MULTICOLONNA 6 Columns



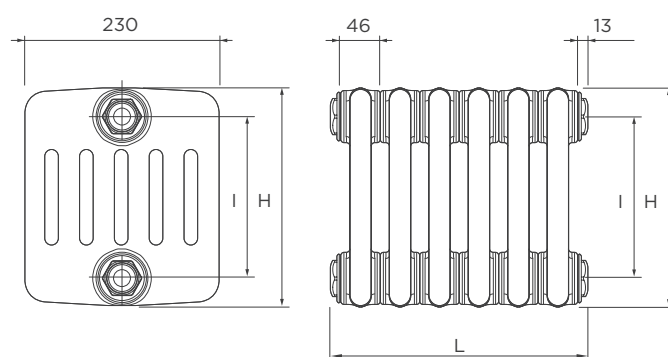
Image for illustrative purposes only



### Technical specifications

Material: UNI EN 10130:2007 steel  
 Round vertical tubes, diameter 25 mm  
 Element width: 46 mm  
 Laser-welded manifolds  
 Manifold thread 1"1/4 G rhs or lhs  
 Working pressure 10 bar  
 Test pressure 13 bar  
 Maximum operating temperature 110° C

Dimensions are in mm



H: height  
 l : pipe centre (H-70)  
 L: length with bungs fitted (no. elements x 46) + 26

| Height<br>H (mm) | Code<br>standard configuration | Pipe<br>centre<br>l (mm) | Empty<br>weight<br>Kg | Capacity<br>L | Elements<br>max.no | Output<br>$\Delta t$ 50 °C<br>W | Output<br>$\Delta t$ 42,5°C<br>W | Output<br>$\Delta t$ 30°C<br>W | Output<br>$\Delta t$ 20°C<br>W | Esp.<br>n |
|------------------|--------------------------------|--------------------------|-----------------------|---------------|--------------------|---------------------------------|----------------------------------|--------------------------------|--------------------------------|-----------|
| NF 300           | OQ0060300ee0000                | 230                      | 1,5                   | 1,1           | 40                 | 62,3                            | 50,7                             | 32,7                           | 19,6                           | 1,262     |
| NF 400           | OQ0060400ee0000                | L 330                    | 1,9                   | 1,3           | 40                 | 81,0                            | 65,8                             | 42,3                           | 25,3                           | 1,270     |
| NF 500           | OQ0060500ee0000                | L 430                    | 2,3                   | 1,6           | 40                 | 99,4                            | 80,6                             | 51,7                           | 30,8                           | 1,278     |
| NF 510           | -                              | -                        | -                     | -             | -                  | -                               | -                                | -                              | -                              | -         |
| NF 550           | -                              | -                        | -                     | -             | -                  | -                               | -                                | -                              | -                              | -         |
| 570              | OQ0060570ee0000                | A 500                    | 2,6                   | 1,7           | 40                 | 112,0                           | 91,3                             | 58,2                           | 34,7                           | 1,285     |
| NF 600           | OQ0060600ee0000                | L 530                    | 2,7                   | 1,8           | 40                 | 117,0                           | 95,5                             | 60,9                           | 36,2                           | 1,287     |
| NF 610           | -                              | -                        | -                     | -             | -                  | -                               | -                                | -                              | -                              | -         |
| 670              | OQ0060670ee0000                | A 600                    | 3,0                   | 2,0           | 40                 | 130,0                           | 105,7                            | 67,2                           | 39,9                           | 1,293     |
| NF 685           | OQ0060685ee0000                | G 615                    | 3,2                   | 2,0           | 40                 | 133,0                           | 107,8                            | 68,6                           | 40,6                           | 1,294     |
| NF 750           | OQ0060750ee0000                | 680                      | 3,4                   | 2,2           | 40                 | 144,0                           | 117,0                            | 74,4                           | 43,9                           | 1,299     |
| 770              | OQ0060770ee0000                | A 700                    | 3,5                   | 2,2           | 40                 | 148,0                           | 120,0                            | 76,1                           | 45,0                           | 1,301     |
| 800              | OQ0060800ee0000                | L 730                    | 3,8                   | 2,3           | 40                 | 153,0                           | 124,1                            | 78,8                           | 46,5                           | 1,303     |
| 870              | OQ0060870ee0000                | A 800                    | 3,7                   | 2,3           | 40                 | 166,0                           | 133,9                            | 84,9                           | 50,0                           | 1,309     |
| NF 885           | OQ0060885ee0000                | G 815                    | 4,1                   | 2,5           | 40                 | 168,0                           | 136,1                            | 86,2                           | 50,7                           | 1,310     |
| NF 900           | OQ0060900ee0000                | 830                      | 4,0                   | 2,5           | 40                 | 171,0                           | 138,2                            | 87,5                           | 51,4                           | 1,311     |
| NF 910           | -                              | -                        | -                     | -             | -                  | -                               | -                                | -                              | -                              | -         |
| NF 1000          | OQ0061000ee0000                | L 930                    | 4,4                   | 2,8           | 40                 | 189,0                           | 152,1                            | 96,2                           | 56,3                           | 1,319     |
| NF 1200          | OQ0061200ee0000                | 1130                     | 5,2                   | 3,3           | 20                 | 224,0                           | 180,8                            | 114,0                          | 66,8                           | 1,322     |
| NF 1500          | OQ0061500ee0000                | 1430                     | 6,5                   | 4,0           | 20                 | 276,0                           | 222,7                            | 140,0                          | 82,0                           | 1,325     |
| NF 1800          | OQ0061800ee0000                | 1730                     | 7,7                   | 4,7           | 15                 | 329,0                           | 265,4                            | 167,0                          | 97,5                           | 1,329     |
| NF 2000          | OQ0062000ee0000                | 1930                     | 8,6                   | 5,2           | 15                 | 364,0                           | 294,0                            | 185,0                          | 108,0                          | 1,328     |
| NF 2200          | OQ0062200ee0000                | 2130                     | 9,5                   | 5,7           | 10                 | 399,0                           | 321,5                            | 203,0                          | 118,3                          | 1,326     |
| NF 2500          | OQ0062500ee0000                | 2430                     | 10,8                  | 6,4           | 10                 | 452,0                           | 365,4                            | 230,0                          | 134,6                          | 1,325     |

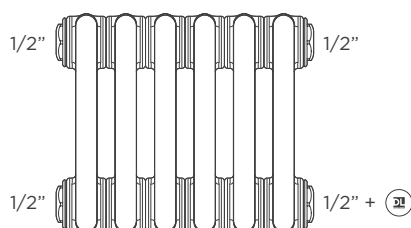
A = pipe centre compatible with aluminium radiators

G = pipe centre compatible with cast iron radiators

L = pipe centre compatible with bar radiators

ee = number of elements

### Standard configuration



### Standard connections and accessories:

in the standard configuration, the Multicolonna radiator is delivered with 4 x 1/2" reducers and 1 x 1/2" blind plug pre-mounted.

This configuration is highly versatile as it makes the product fully reversible.

Vent and brackets not supplied as standard.

### Possible battery lengths:

welded from 2 to a maximum of 40 elements.

For batteries above the dimensional limit, nipping can be carried out directly on site by ordering the relevant accessories.

6 Columns - Depth 230 mm - Heat outputs at  $\Delta t$  50 °C - Data table for complete batteries with reducers mounted

| Height                     |      |   | 300  | 400  | 500  | 570  | 600  | 670  | 685  | 750  | 770  | 800  |
|----------------------------|------|---|------|------|------|------|------|------|------|------|------|------|
| Maximum number of elements |      |   | 40   | 40   | 40   | 40   | 40   | 40   | 40   | 40   | 40   | 40   |
| Length (mm)                | 118  | W | 125  | 162  | 199  | 224  | 234  | 260  | 266  | 288  | 296  | 306  |
| No. elements               | 2    |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 164  | W | 187  | 243  | 298  | 336  | 351  | 390  | 399  | 432  | 444  | 459  |
| No. elements               | 3    |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 210  | W | 249  | 324  | 398  | 448  | 468  | 520  | 532  | 576  | 592  | 612  |
| No. elements               | 4    |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 256  | W | 312  | 405  | 497  | 560  | 585  | 650  | 665  | 720  | 740  | 765  |
| No. elements               | 5    |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 302  | W | 374  | 486  | 596  | 672  | 702  | 780  | 798  | 864  | 888  | 918  |
| No. elements               | 6    |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 348  | W | 436  | 567  | 696  | 784  | 819  | 910  | 931  | 1008 | 1036 | 1071 |
| No. elements               | 7    |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 394  | W | 498  | 648  | 795  | 896  | 936  | 1040 | 1064 | 1152 | 1184 | 1224 |
| No. elements               | 8    |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 440  | W | 561  | 729  | 895  | 1008 | 1053 | 1170 | 1197 | 1296 | 1332 | 1377 |
| No. elements               | 9    |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 486  | W | 623  | 810  | 994  | 1120 | 1170 | 1300 | 1330 | 1440 | 1480 | 1530 |
| No. elements               | 10   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 532  | W | 685  | 891  | 1093 | 1232 | 1287 | 1430 | 1463 | 1584 | 1628 | 1683 |
| No. elements               | 11   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 578  | W | 748  | 972  | 1193 | 1344 | 1404 | 1560 | 1596 | 1728 | 1776 | 1836 |
| No. elements               | 12   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 624  | W | 810  | 1053 | 1292 | 1456 | 1521 | 1690 | 1729 | 1872 | 1924 | 1989 |
| No. elements               | 13   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 670  | W | 872  | 1134 | 1392 | 1568 | 1638 | 1820 | 1862 | 2016 | 2072 | 2142 |
| No. elements               | 14   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 716  | W | 935  | 1215 | 1491 | 1680 | 1755 | 1950 | 1995 | 2160 | 2220 | 2295 |
| No. elements               | 15   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 762  | W | 997  | 1296 | 1590 | 1792 | 1872 | 2080 | 2128 | 2304 | 2368 | 2448 |
| No. elements               | 16   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 808  | W | 1059 | 1377 | 1690 | 1904 | 1989 | 2210 | 2261 | 2448 | 2516 | 2601 |
| No. elements               | 17   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 854  | W | 1121 | 1458 | 1789 | 2016 | 2106 | 2340 | 2394 | 2592 | 2664 | 2754 |
| No. elements               | 18   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 900  | W | 1184 | 1539 | 1889 | 2128 | 2223 | 2470 | 2527 | 2736 | 2812 | 2907 |
| No. elements               | 19   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 946  | W | 1246 | 1620 | 1988 | 2240 | 2340 | 2600 | 2660 | 2880 | 2960 | 3060 |
| No. elements               | 20   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 992  | W | 1308 | 1701 | 2087 | 2352 | 2457 | 2730 | 2793 | 3024 | 3108 | 3213 |
| No. elements               | 21   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1038 | W | 1371 | 1782 | 2187 | 2464 | 2574 | 2860 | 2926 | 3168 | 3256 | 3366 |
| No. elements               | 22   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1084 | W | 1433 | 1863 | 2286 | 2576 | 2691 | 2990 | 3059 | 3312 | 3404 | 3519 |
| No. elements               | 23   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1130 | W | 1495 | 1944 | 2386 | 2688 | 2808 | 3120 | 3192 | 3456 | 3552 | 3672 |
| No. elements               | 24   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1176 | W | 1558 | 2025 | 2485 | 2800 | 2925 | 3250 | 3325 | 3600 | 3700 | 3825 |
| No. elements               | 25   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1222 | W | 1620 | 2106 | 2584 | 2912 | 3042 | 3380 | 3458 | 3744 | 3848 | 3978 |
| No. elements               | 26   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1268 | W | 1682 | 2187 | 2684 | 3024 | 3159 | 3510 | 3591 | 3888 | 3996 | 4131 |
| No. elements               | 27   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1314 | W | 1744 | 2268 | 2783 | 3136 | 3276 | 3640 | 3724 | 4032 | 4144 | 4284 |
| No. elements               | 28   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1360 | W | 1807 | 2349 | 2883 | 3248 | 3393 | 3770 | 3857 | 4176 | 4292 | 4437 |
| No. elements               | 29   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1406 | W | 1869 | 2430 | 2982 | 3360 | 3510 | 3900 | 3990 | 4320 | 4440 | 4590 |
| No. elements               | 30   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1452 | W | 1931 | 2511 | 3081 | 3472 | 3627 | 4030 | 4123 | 4464 | 4588 | 4743 |
| No. elements               | 31   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1498 | W | 1994 | 2592 | 3181 | 3584 | 3744 | 4160 | 4256 | 4608 | 4736 | 4896 |
| No. elements               | 32   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1544 | W | 2056 | 2673 | 3280 | 3696 | 3861 | 4290 | 4389 | 4752 | 4884 | 5049 |
| No. elements               | 33   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1590 | W | 2118 | 2754 | 3380 | 3808 | 3978 | 4420 | 4522 | 4896 | 5032 | 5202 |
| No. elements               | 34   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1636 | W | 2181 | 2835 | 3479 | 3920 | 4095 | 4550 | 4655 | 5040 | 5180 | 5355 |
| No. elements               | 35   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1682 | W | 2243 | 2916 | 3578 | 4032 | 4212 | 4680 | 4788 | 5184 | 5328 | 5508 |
| No. elements               | 36   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1728 | W | 2305 | 2997 | 3678 | 4144 | 4329 | 4810 | 4921 | 5328 | 5476 | 5661 |
| No. elements               | 37   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1774 | W | 2367 | 3078 | 3777 | 4256 | 4446 | 4940 | 5054 | 5472 | 5624 | 5814 |
| No. elements               | 38   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1820 | W | 2430 | 3159 | 3877 | 4368 | 4563 | 5070 | 5187 | 5616 | 5772 | 5967 |
| No. elements               | 39   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1866 | W | 2492 | 3240 | 3976 | 4480 | 4680 | 5200 | 5320 | 5760 | 5920 | 6120 |
| No. elements               | 40   |   |      |      |      |      |      |      |      |      |      |      |

## 6 Columns - Depth 230 mm - Heat outputs at $\Delta t$ 50 °C - Data table for complete batteries with reducers mounted

| Height                     |      |   | 870  | 885  | 900  | 1000 | 1200 | 1500 | 1800 | 2000 | 2200 | 2500 |
|----------------------------|------|---|------|------|------|------|------|------|------|------|------|------|
| Maximum number of elements |      |   | 40   | 40   | 40   | 40   | 20   | 20   | 15   | 15   | 10   | 10   |
| Length (mm)                | 118  | W | 332  | 336  | 342  | 378  | 448  | 552  | 658  | 728  | 798  | 904  |
| No. elements               | 2    |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 164  | W | 498  | 504  | 513  | 567  | 672  | 828  | 987  | 1092 | 1197 | 1356 |
| No. elements               | 3    |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 210  | W | 664  | 672  | 684  | 756  | 896  | 1104 | 1316 | 1456 | 1596 | 1808 |
| No. elements               | 4    |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 256  | W | 830  | 840  | 855  | 945  | 1120 | 1380 | 1645 | 1820 | 1995 | 2260 |
| No. elements               | 5    |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 302  | W | 996  | 1008 | 1026 | 1134 | 1344 | 1656 | 1974 | 2184 | 2394 | 2712 |
| No. elements               | 6    |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 348  | W | 1162 | 1176 | 1197 | 1323 | 1568 | 1932 | 2303 | 2548 | 2793 | 3164 |
| No. elements               | 7    |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 394  | W | 1328 | 1344 | 1368 | 1512 | 1792 | 2208 | 2632 | 2912 | 3192 | 3616 |
| No. elements               | 8    |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 440  | W | 1494 | 1512 | 1539 | 1701 | 2016 | 2484 | 2961 | 3276 | 3591 | 4068 |
| No. elements               | 9    |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 486  | W | 1660 | 1680 | 1710 | 1890 | 2240 | 2760 | 3290 | 3640 | 3990 | 4520 |
| No. elements               | 10   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 532  | W | 1826 | 1848 | 1881 | 2079 | 2464 | 3036 | 3619 | 4004 | -    | -    |
| No. elements               | 11   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 578  | W | 1992 | 2016 | 2052 | 2268 | 2688 | 3312 | 3948 | 4368 | -    | -    |
| No. elements               | 12   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 624  | W | 2158 | 2184 | 2223 | 2457 | 2912 | 3588 | 4277 | 4732 | -    | -    |
| No. elements               | 13   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 670  | W | 2324 | 2352 | 2394 | 2646 | 3136 | 3864 | 4606 | 5096 | -    | -    |
| No. elements               | 14   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 716  | W | 2490 | 2520 | 2565 | 2835 | 3360 | 4140 | 4935 | 5460 | -    | -    |
| No. elements               | 15   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 762  | W | 2656 | 2688 | 2736 | 3024 | 3584 | 4416 | -    | -    | -    | -    |
| No. elements               | 16   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 808  | W | 2822 | 2856 | 2907 | 3213 | 3808 | 4692 | -    | -    | -    | -    |
| No. elements               | 17   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 854  | W | 2988 | 3024 | 3078 | 3402 | 4032 | 4968 | -    | -    | -    | -    |
| No. elements               | 18   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 900  | W | 3154 | 3192 | 3249 | 3591 | 4256 | 5244 | -    | -    | -    | -    |
| No. elements               | 19   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 946  | W | 3320 | 3360 | 3420 | 3780 | 4480 | 5520 | -    | -    | -    | -    |
| No. elements               | 20   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 992  | W | 3486 | 3528 | 3591 | 3969 | -    | -    | -    | -    | -    | -    |
| No. elements               | 21   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1038 | W | 3652 | 3696 | 3762 | 4158 | -    | -    | -    | -    | -    | -    |
| No. elements               | 22   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1084 | W | 3818 | 3864 | 3933 | 4347 | -    | -    | -    | -    | -    | -    |
| No. elements               | 23   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1130 | W | 3984 | 4032 | 4104 | 4536 | -    | -    | -    | -    | -    | -    |
| No. elements               | 24   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1176 | W | 4150 | 4200 | 4275 | 4725 | -    | -    | -    | -    | -    | -    |
| No. elements               | 25   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1222 | W | 4316 | 4368 | 4446 | 4914 | -    | -    | -    | -    | -    | -    |
| No. elements               | 26   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1268 | W | 4482 | 4536 | 4617 | 5103 | -    | -    | -    | -    | -    | -    |
| No. elements               | 27   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1314 | W | 4648 | 4704 | 4788 | 5292 | -    | -    | -    | -    | -    | -    |
| No. elements               | 28   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1360 | W | 4814 | 4872 | 4959 | 5481 | -    | -    | -    | -    | -    | -    |
| No. elements               | 29   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1406 | W | 4980 | 5040 | 5130 | 5670 | -    | -    | -    | -    | -    | -    |
| No. elements               | 30   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1452 | W | 5146 | 5208 | 5301 | 5859 | -    | -    | -    | -    | -    | -    |
| No. elements               | 31   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1498 | W | 5312 | 5376 | 5472 | 6048 | -    | -    | -    | -    | -    | -    |
| No. elements               | 32   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1544 | W | 5478 | 5544 | 5643 | 6237 | -    | -    | -    | -    | -    | -    |
| No. elements               | 33   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1590 | W | 5644 | 5712 | 5814 | 6426 | -    | -    | -    | -    | -    | -    |
| No. elements               | 34   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1636 | W | 5810 | 5880 | 5985 | 6615 | -    | -    | -    | -    | -    | -    |
| No. elements               | 35   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1682 | W | 5976 | 6048 | 6156 | 6804 | -    | -    | -    | -    | -    | -    |
| No. elements               | 36   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1728 | W | 6142 | 6216 | 6327 | 6993 | -    | -    | -    | -    | -    | -    |
| No. elements               | 37   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1774 | W | 6308 | 6384 | 6498 | 7182 | -    | -    | -    | -    | -    | -    |
| No. elements               | 38   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1820 | W | 6474 | 6552 | 6669 | 7371 | -    | -    | -    | -    | -    | -    |
| No. elements               | 39   |   |      |      |      |      |      |      |      |      |      |      |
| Length (mm)                | 1866 | W | 6640 | 6720 | 6840 | 7560 | -    | -    | -    | -    | -    | -    |
| No. elements               | 40   |   |      |      |      |      |      |      |      |      |      |      |

## MULTICOLONNA Hygiene

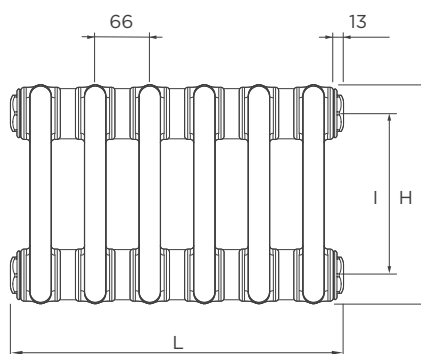


Image for illustrative purposes only

### Technical specifications

Material: UNI EN 10130:2007 steel  
Round vertical tubes, diameter 25 mm  
Element width: 66 mm  
Laser-welded manifolds  
Manifold thread 1 1/4 G rhs or lhs  
Working pressure 10 bar  
Test pressure 13 bar  
Maximum operating temperature 110° C

Dimensions are in mm



H: height  
l : pipe centre (H-70)  
L: length with bungs fitted (no. elements x 66) + 6

| Columns | Height | Code<br>standard configuration | Pipe<br>centre<br>l (mm) | Max<br>elements<br>n | Weight<br>Empty<br>weight Kg | Capacity<br>L | Output<br>ΔT50°C |        | Output<br>ΔT42,5°C | Output<br>ΔT30°C | Output<br>ΔT20°C | Esp.<br>n |
|---------|--------|--------------------------------|--------------------------|----------------------|------------------------------|---------------|------------------|--------|--------------------|------------------|------------------|-----------|
|         | H (mm) |                                |                          |                      |                              |               | W                | Kcal/h | W                  | W                | W                |           |
| 2       | 500    | OQ0H20500ee0000                | 430                      | 40                   | 0,9                          | 0,7           | 41,0             | 35,3   | 30,9               | 21,5             | 12,5             | 1,265     |
|         | 600    | OQ0H20600ee0000                | 530                      | 40                   | 1,0                          | 0,8           | 47,8             | 41,1   | 36,1               | 25,2             | 14,7             | 1,254     |
|         | 685    | OQ0H20685ee0000                | 615                      | 40                   | 1,1                          | 0,8           | 54,1             | 46,5   | 40,8               | 28,4             | 16,6             | 1,260     |
|         | 885    | OQ0H20885ee0000                | 815                      | 40                   | 1,5                          | 1,0           | 69,9             | 60,1   | 52,7               | 36,7             | 21,4             | 1,262     |
|         | 900    | OQ0H20900ee0000                | 830                      | 40                   | 1,5                          | 1,0           | 71,1             | 61,1   | 53,6               | 37,3             | 21,8             | 1,262     |
|         | 1000   | OQ0H21000ee0000                | 930                      | 40                   | 1,6                          | 1,1           | 79,2             | 68,1   | 59,8               | 41,7             | 24,4             | 1,257     |
|         | 1500   | OQ0H21500ee0000                | 1430                     | 20                   | 2,3                          | 1,5           | 119,3            | 102,6  | 89,5               | 61,7             | 35,6             | 1,290     |
|         | 1800   | OQ0H21800ee0000                | 1730                     | 20                   | 2,7                          | 1,7           | 144,2            | 124,0  | 107,7              | 73,9             | 42,3             | 1,309     |
|         | 2000   | OQ0H22000ee0000                | 1930                     | 20                   | 3,0                          | 1,8           | 162,2            | 139,5  | 121,1              | 83,1             | 47,5             | 1,309     |
| 3       | 500    | OQ0H30500ee0000                | 430                      | 40                   | 1,3                          | 0,9           | 55,7             | 47,9   | 42,1               | 29,3             | 17,1             | 1,257     |
|         | 600    | OQ0H30600ee0000                | 530                      | 40                   | 1,5                          | 1,0           | 65,0             | 55,9   | 49,2               | 34,4             | 20,2             | 1,246     |
|         | 685    | OQ0H30685ee0000                | 615                      | 40                   | 1,7                          | 1,2           | 73,3             | 63,0   | 55,4               | 38,7             | 22,7             | 1,252     |
|         | 885    | OQ0H30885ee0000                | 815                      | 40                   | 2,2                          | 1,4           | 94,5             | 81,3   | 71,4               | 49,7             | 29,0             | 1,259     |
|         | 900    | OQ0H30900ee0000                | 830                      | 40                   | 2,2                          | 1,4           | 96,1             | 82,6   | 72,6               | 50,5             | 29,5             | 1,259     |
|         | 1000   | OQ0H31000ee0000                | 930                      | 40                   | 2,4                          | 1,5           | 107,0            | 92,0   | 80,6               | 56,0             | 32,6             | 1,268     |
|         | 1500   | OQ0H31500ee0000                | 1430                     | 20                   | 3,4                          | 2,1           | 161,6            | 139,0  | 121,5              | 84,1             | 48,7             | 1,279     |
|         | 1800   | OQ0H31800ee0000                | 1730                     | 20                   | 4,1                          | 2,4           | 196,2            | 168,7  | 147,1              | 101,5            | 58,5             | 1,290     |
|         | 2000   | OQ0H32000ee0000                | 1930                     | 20                   | 4,5                          | 2,6           | 220,8            | 189,9  | 165,6              | 114,2            | 65,9             | 1,290     |
| 4       | 500    | OQ0H40500ee0000                | 430                      | 40                   | 1,6                          | 1,2           | 73,7             | 63,4   | 55,7               | 38,8             | 22,7             | 1,256     |
|         | 600    | OQ0H40600ee0000                | 530                      | 40                   | 1,9                          | 1,3           | 86,8             | 74,6   | 65,7               | 45,8             | 26,9             | 1,251     |
|         | 685    | OQ0H40685ee0000                | 615                      | 34                   | 2,1                          | 1,5           | 98,2             | 84,4   | 74,2               | 51,7             | 30,2             | 1,257     |
|         | 885    | OQ0H40885ee0000                | 815                      | 34                   | 2,7                          | 1,8           | 127,3            | 109,5  | 95,9               | 66,5             | 38,7             | 1,270     |
|         | 900    | OQ0H40900ee0000                | 830                      | 34                   | 2,7                          | 1,8           | 129,6            | 111,4  | 97,6               | 67,7             | 39,4             | 1,271     |
|         | 1000   | OQ0H41000ee0000                | 930                      | 34                   | 3,0                          | 2,0           | 144,7            | 124,4  | 108,7              | 75,2             | 43,5             | 1,281     |
|         | 1500   | OQ0H41500ee0000                | 1430                     | 20                   | 4,5                          | 2,8           | 217,6            | 187,1  | 162,1              | 110,9            | 63,2             | 1,319     |
|         | 1800   | OQ0H41800ee0000                | 1730                     | 20                   | 5,4                          | 3,2           | 262,4            | 225,6  | 194,6              | 132,4            | 74,8             | 1,339     |
|         | 2000   | OQ0H42000ee0000                | 1930                     | 20                   | 5,9                          | 3,5           | 293,9            | 252,7  | 218,4              | 149,0            | 84,4             | 1,330     |
| 5       | 500    | OQ0H50500ee0000                | 430                      | 38                   | 2,0                          | 1,5           | 87,9             | 75,6   | 66,5               | 46,5             | 27,3             | 1,247     |
|         | 600    | OQ0H50600ee0000                | 530                      | 38                   | 2,4                          | 1,7           | 103,8            | 89,3   | 78,5               | 54,8             | 32,1             | 1,250     |
|         | 685    | OQ0H50685ee0000                | 615                      | 31                   | 2,7                          | 1,8           | 117,1            | 100,7  | 88,5               | 61,7             | 36,1             | 1,255     |
|         | 885    | OQ0H50885ee0000                | 815                      | 31                   | 3,4                          | 2,2           | 151,0            | 129,8  | 113,7              | 78,9             | 45,9             | 1,271     |
|         | 900    | OQ0H50900ee0000                | 830                      | 31                   | 3,4                          | 2,2           | 153,6            | 132,1  | 115,6              | 80,2             | 46,6             | 1,272     |
|         | 1000   | OQ0H51000ee0000                | 930                      | 31                   | 3,8                          | 2,4           | 170,9            | 146,9  | 128,7              | 89,3             | 51,9             | 1,270     |
|         | 1500   | OQ0H51500ee0000                | 1430                     | 17                   | 5,6                          | 3,4           | 255,9            | 220,0  | 192,3              | 133,0            | 77,0             | 1,281     |
|         | 1800   | OQ0H51800ee0000                | 1730                     | 15                   | 6,6                          | 4,0           | 308,4            | 265,2  | 231,8              | 160,4            | 92,9             | 1,280     |
|         | 2000   | OQ0H52000ee0000                | 1930                     | 15                   | 7,3                          | 4,4           | 345,2            | 296,8  | 259,5              | 179,6            | 104,0            | 1,279     |
| 6       | 500    | OQ0H60500ee0000                | 430                      | 34                   | 2,4                          | 1,7           | 106,5            | 91,6   | 80,2               | 55,6             | 32,3             | 1,272     |
|         | 600    | OQ0H60600ee0000                | 530                      | 34                   | 2,8                          | 1,9           | 125,7            | 108,1  | 94,9               | 66,0             | 38,5             | 1,261     |
|         | 685    | OQ0H60685ee0000                | 615                      | 27                   | 3,1                          | 2,1           | 142,1            | 122,2  | 107,0              | 74,2             | 43,1             | 1,273     |
|         | 885    | OQ0H60885ee0000                | 815                      | 27                   | 4,0                          | 2,6           | 183,1            | 157,4  | 137,3              | 94,8             | 54,7             | 1,289     |
|         | 900    | OQ0H60900ee0000                | 830                      | 27                   | 4,1                          | 2,6           | 186,3            | 160,2  | 139,7              | 96,4             | 55,6             | 1,290     |
|         | 1000   | OQ0H61000ee0000                | 930                      | 27                   | 4,5                          | 2,9           | 207,6            | 178,5  | 155,3              | 106,8            | 61,3             | 1,301     |
|         | 1500   | OQ0H61500ee0000                | 1430                     | 13                   | 6,6                          | 4,1           | 309,4            | 266,0  | 230,0              | 156,9            | 89,0             | 1,329     |
|         | 1800   | OQ0H61800ee0000                | 1730                     | 13                   | 7,8                          | 4,8           | 371,6            | 319,5  | 276,2              | 188,4            | 106,8            | 1,330     |
|         | 2000   | OQ0H62000ee0000                | 1930                     | 10                   | 8,7                          | 5,3           | 414,9            | 356,7  | 308,4              | 210,4            | 119,3            | 1,329     |

ee = number of elements

## MULTICOLONNA Integrated

With Multicolonna Integrated the flow of water in the radiator can be controlled automatically according to the required room temperature, thanks to installation during production of a M23.5x1.5 thermostatic valve designed for mounting a thermostatic head.



Image for illustrative purposes only

### Technical specifications

Material: UNI EN 10130:2007 steel  
Round vertical tubes, diameter 25 mm  
Element width: 46 mm  
Laser-welded manifolds  
Manifold thread 1 1/4 G rhs or lhs  
Working pressure 10 bar  
Test pressure 13 bar  
Maximum operating temperature 110° C

### 3/4" external thread



### 1/2" internal thread





**Pressure drop and valve regulation**

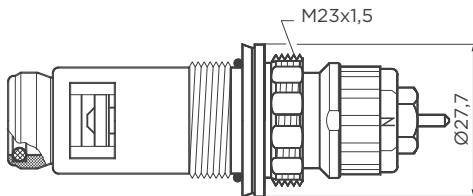
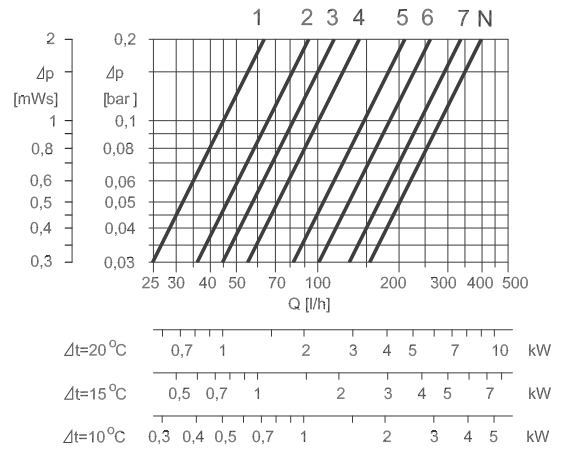
The setting for the thermostatic insert is obtained from the flow rate Q diagrams (expressed in kg/h) - Pressure drop Δp (expressed in bars or kPa).

Starting from the Δt set in the system and the power of the radiator (EN442 standard output), the intersection with the pressure drop value on the X axis determines the nearest kv at which to set the insert (for example: position 3 or 4).

Radiators with valve are provided with the insert in the N position (valve fully open).

Instructions on adjusting the thermostatic insert are provided with every Multicolonna radiator.

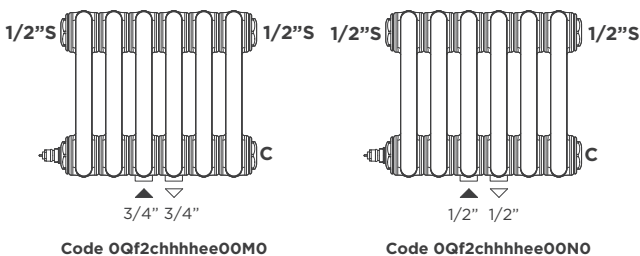
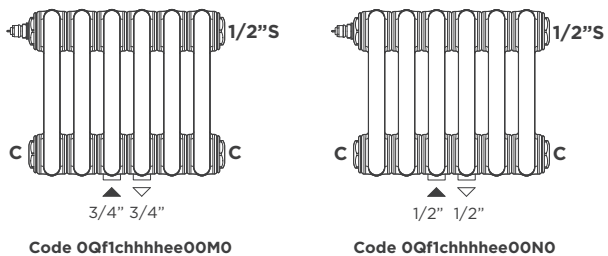
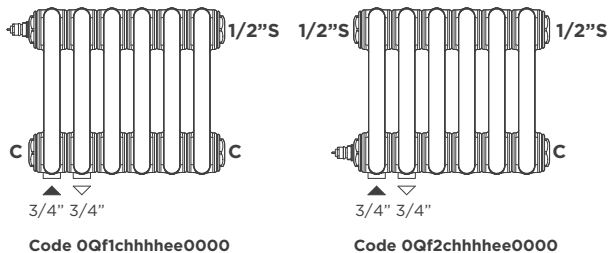
Multicolonna Integrated must NOT be tested with the valve closed, or the pressure plunger could break.



| Code                   | Valve position                                                                          |
|------------------------|-----------------------------------------------------------------------------------------|
| standard configuration |                                                                                         |
| 0Q01chhhhee0000        | with built-in valve - top (side connection, 50 mm pipe centre, 3/4" external thread)    |
| 0Q02chhhhee0000        | with built-in valve - bottom (side connection, 50 mm pipe centre, 3/4" external thread) |
| 0Q01chhhhee00M0        | with built-in valve - top (central connection, 3/4" external thread)                    |
| 0Q02chhhhee00M0        | with built-in valve - bottom (central connection, 3/4" external thread)                 |
| 0Q01chhhhee00N0        | with built-in valve - top (central connection, 1/2" internal thread)                    |
| 0Q02chhhhee00N0        | with built-in valve - bottom (central connection, 1/2" internal thread)                 |

c = columns / hhh = height / ee = number of elements

**Configurations**



**Standard connections and accessories for side connection, 50 mm pipe centre**

the Multicolonna Integrated with **top valve** is delivered in the following configurations:

- 2 x 3/4" connections with external thread for Eurocones, 50 mm pipe centre.
- 2 x pre-mounted blind plugs
- 1 x pre-mounted 1/2" vent plug

**Standard connections and accessories for side connection, 50 mm pipe centre**

the Multicolonna Integrated with **bottom valve** is delivered in the following configurations:

- 2 x 3/4" connections with external thread for Eurocones, 50 mm pipe centre.
- 1 x pre-mounted blind plug
- 2 x pre-mounted 1/2" vent plugs

**Standard connections and accessories for central connection, 50 mm pipe centre**

the Multicolonna Integrated with **top valve** is delivered in the following configurations:

- 2 x 3/4" connections with external thread for Eurocones, 50 mm pipe centre
- 2 x pre-mounted blind plugs
- 1 x pre-mounted 1/2" vent plug

- or
- 2 x 1/2" connections with internal thread, 50 mm pipe centre
  - 2 x pre-mounted blind plugs
  - 1 x pre-mounted 1/2" vent plug

**Standard connections and accessories for central connection, 50 mm pipe centre**

the Multicolonna Integrated with **bottom valve** is delivered in the following configurations:

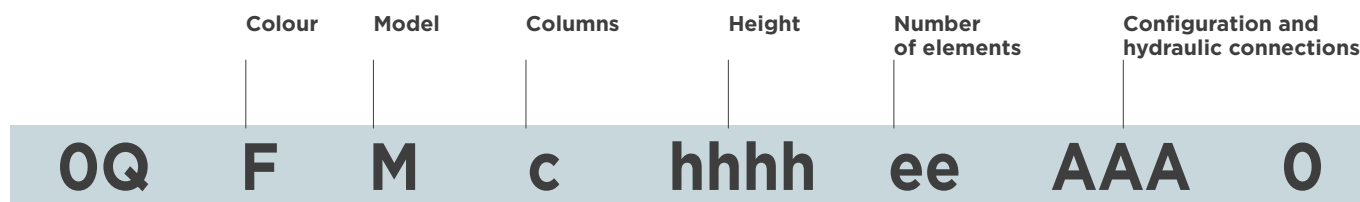
- 2 x 3/4" connections with external thread for Eurocones, 50 mm pipe centre
- 1 x pre-mounted blind plug
- 2 x pre-mounted 1/2" vent plugs

- or
- 2 x 1/2" connections with internal thread, 50 mm pipe centre
  - 1 x pre-mounted blind plug
  - 2 x pre-mounted 1/2" vent plugs

## Multicolonna code

The Multicolonna code is mnemonic. The first 2 positions OQ and the last position O are fixed.

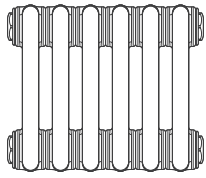
The required model can be composed from a combination of numbers and letters, choosing the colour, model, columns, height, number of elements and configuration of the hydraulic connections according to the following table:



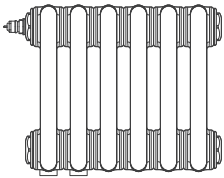
| Code        |   |   | Model                                              |
|-------------|---|---|----------------------------------------------------|
| <b>OQ</b>   |   |   | Multicolonna                                       |
| <b>F</b>    | = | 0 | Colour White                                       |
|             | = | 1 | Coloured - see table of finishes                   |
| <b>M</b>    | = | 0 | Standard                                           |
|             | = | 1 | With built-in valve - top                          |
|             | = | 2 | With built-in valve - bottom                       |
|             | = | A | 90° version                                        |
|             | = | F | Welded feet                                        |
|             | = | H | Hygiene                                            |
|             | = | R | Arch version                                       |
| <b>c</b>    | = | 2 | Columns                                            |
|             | = | 3 | Columns                                            |
|             | = | 4 | Columns                                            |
|             | = | 5 | Columns                                            |
|             | = | 6 | Columns                                            |
| <b>hhhh</b> |   |   | Height from 300 to 2500 mm                         |
| <b>ee</b>   |   |   | Number of elements                                 |
| <b>AAA</b>  |   |   | Configurations and hydraulic connections - page 36 |
| <b>O</b>    |   |   |                                                    |

**Model - OQFMChhhheeAAA0**

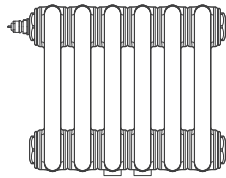
**M 0 - Standard**



**M 1 - Top built-in valve**  
see page 33

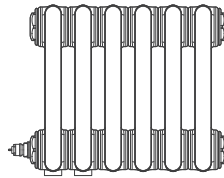


Side connection

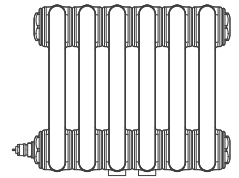


Central connection

**M 2 - Bottom built-in valve**  
see page 33

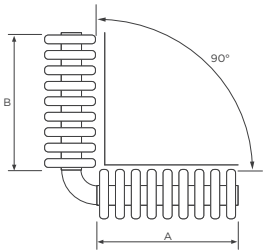


Side connection

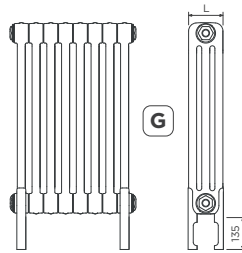
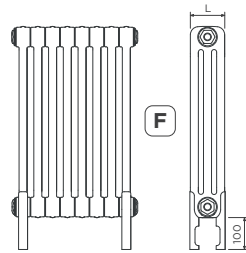
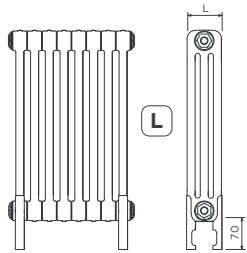


Central connection

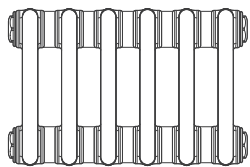
**M A - 90° version**



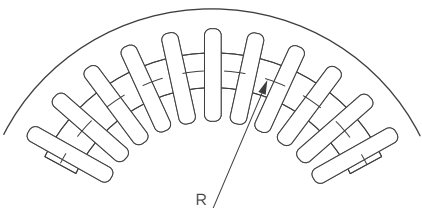
**M L / F / G - Welded feet**



**M H - Hygiene**

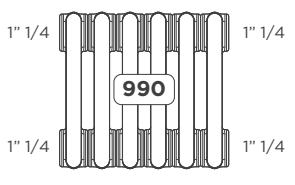


**M R - Arch version**



# Configurations and hydraulic connections - 0QFMChhheeAAA0

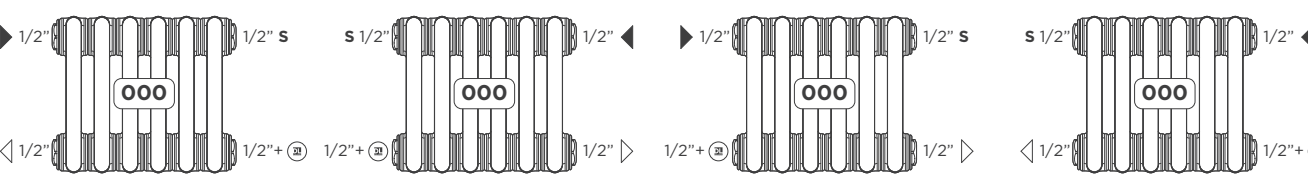
**990**  
Nippable version



1" 1/4 1" 1/4  
1" 1/4 1" 1/4

**S** vent (not supplied as standard)  
**▶** in  
**◁** out  
**C** blind plug  
**|** pre-mounted deflector  
 ⊕ DL Radiators cover for 1/2" blind plug  
 ○ cover for 1/2" blind plug

**000**  
Standard configurations



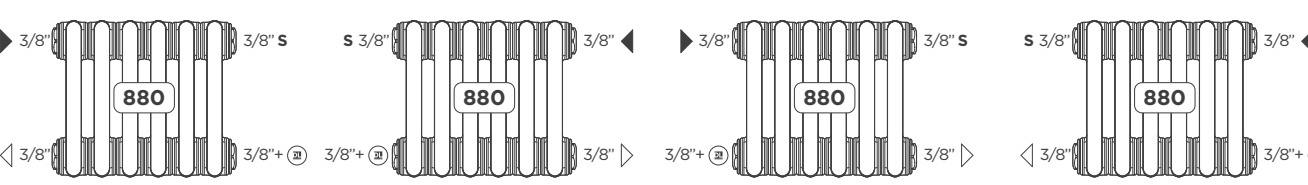
▶ 1/2" 1/2" S  
 ◁ 1/2" 1/2"+ ⊕

S 1/2" 1/2" ◁  
 1/2"+ ⊕ 1/2" ▷

▶ 1/2" 1/2" S  
 1/2"+ ⊕ 1/2" ▷

S 1/2" 1/2" ◁  
 ◁ 1/2" 1/2"+ ⊕

**880**



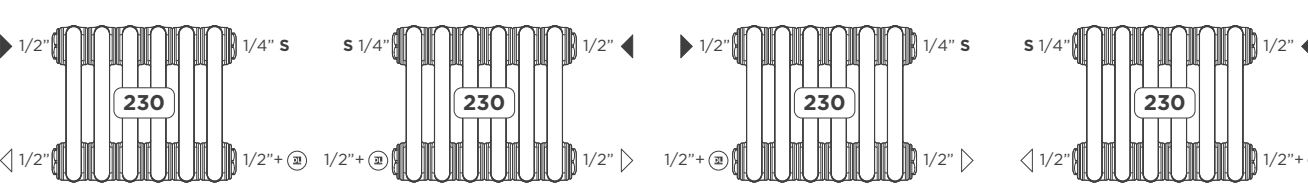
▶ 3/8" 3/8" S  
 ◁ 3/8" 3/8"+ ⊕

S 3/8" 3/8" ◁  
 3/8"+ ⊕ 3/8" ▷

▶ 3/8" 3/8" S  
 3/8"+ ⊕ 3/8" ▷

S 3/8" 3/8" ◁  
 ◁ 3/8" 3/8"+ ⊕

**230**



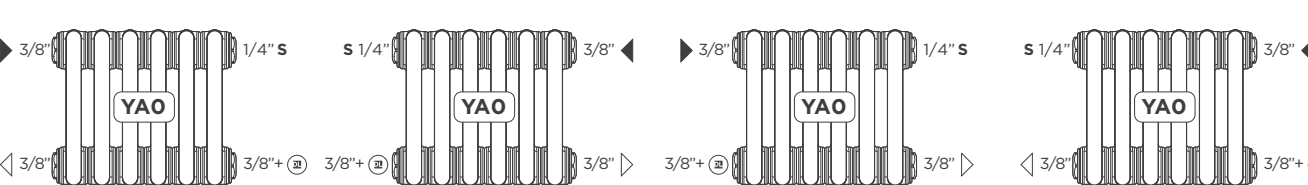
▶ 1/2" 1/4" S  
 ◁ 1/2" 1/2"+ ⊕

S 1/4" 1/2" ◁  
 1/2"+ ⊕ 1/2" ▷

▶ 1/2" 1/4" S  
 1/2"+ ⊕ 1/2" ▷

S 1/4" 1/2" ◁  
 ◁ 1/2" 1/2"+ ⊕

**YAO**



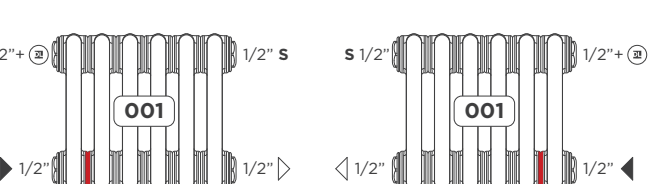
▶ 3/8" 1/4" S  
 ◁ 3/8" 3/8"+ ⊕

S 1/4" 3/8" ◁  
 3/8"+ ⊕ 3/8" ▷

▶ 3/8" 1/4" S  
 3/8"+ ⊕ 3/8" ▷

S 1/4" 3/8" ◁  
 ◁ 3/8" 3/8"+ ⊕

**001**  
Low/low opposite side - standard 1/2" connections, internal thread



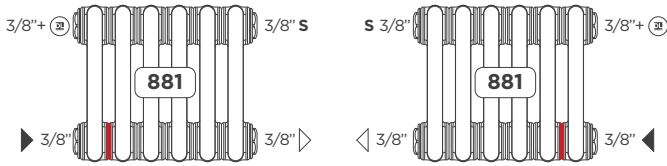
1/2"+ ⊕ 1/2" S  
 1/2" 1/2"+ ⊕

S 1/2" 1/2"+ ⊕  
 ◁ 1/2" 1/2" ◁

**Configurations and hydraulic connections - 0QFMChhheeAAA0**

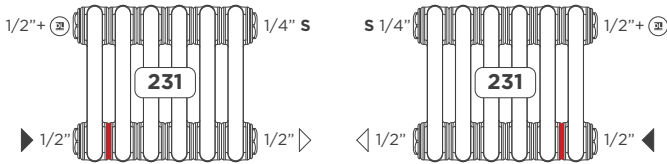
**881**

Low/low opposite side - standard 3/8" connections, internal thread



**231**

Low/low opposite side - standard 1/2" connections, internal thread



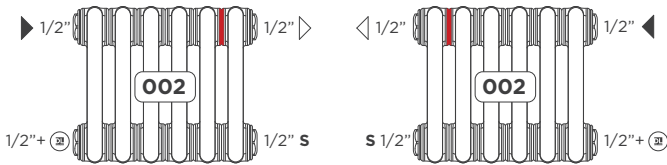
**YA1**

Low/low opposite side - standard 3/8" connections, internal thread



**002**

High/high opposite side - standard 1/2" connections, internal thread



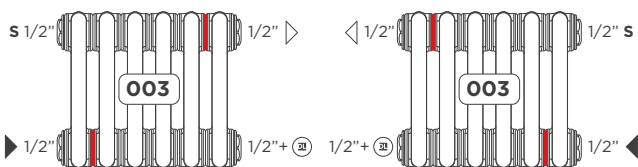
**882**

High/high opposite side - standard 3/8" connections, internal thread



**003**

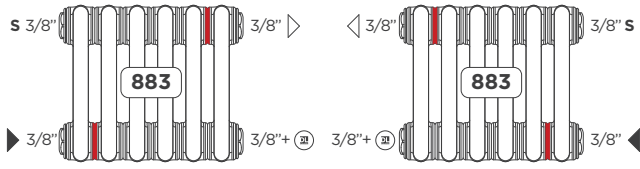
Low/high opposite side - standard 1/2" connections, internal thread



# Configurations and hydraulic connections - 0QFMChhheeAAA0

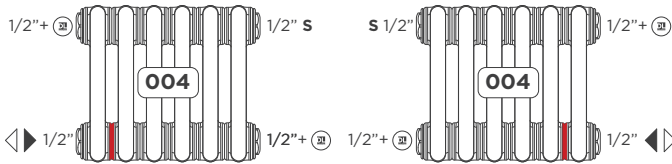
## 883

Low/high opposite side - standard 3/8" connections, internal thread



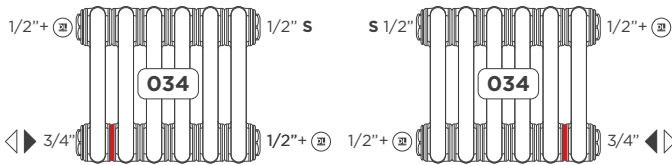
## 004

Side connections - standard 1/2" connection, internal thread



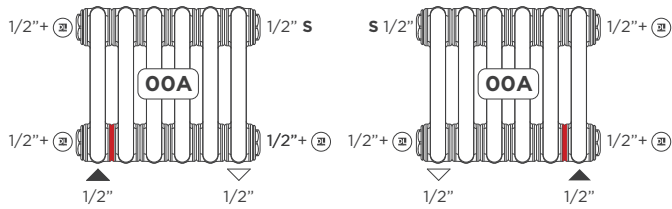
## 034

Side connections - standard 3/4" connection, internal thread



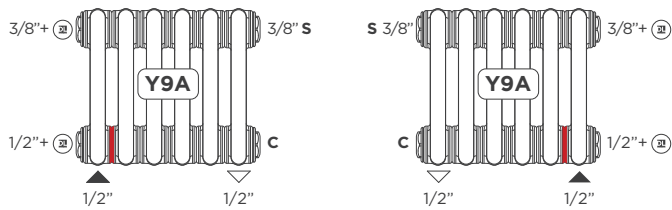
## 00A

Low/low perpendicular bottom connections - standard 1/2" connections, internal thread



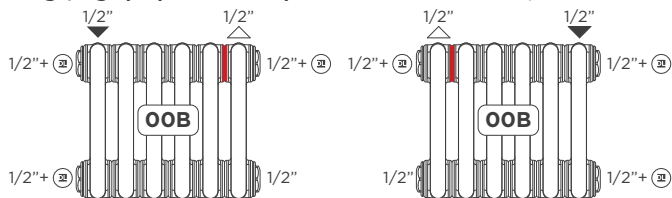
## Y9A

Low/low perpendicular bottom connections - standard 1/2" connections, internal thread



## 00B

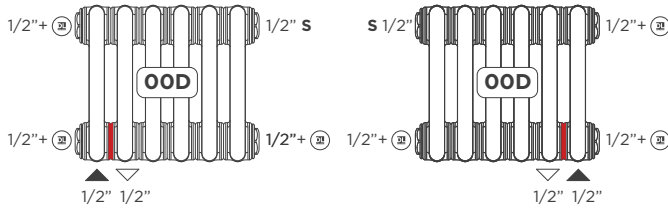
High/high perpendicular top connections - standard 1/2" connections, internal thread



# Configurations and hydraulic connections - 0QFMChhheeAAA0

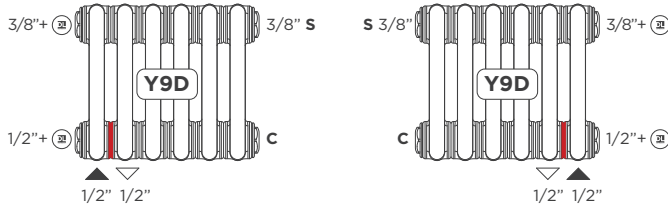
## 00D

Bottom connection 50 mm pipe centre - 1/2" connections, internal thread



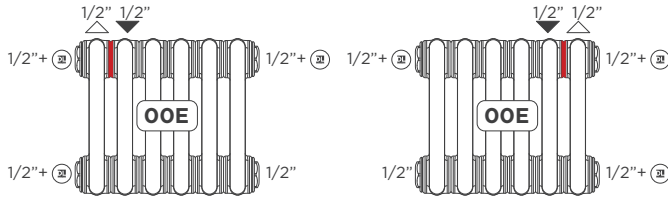
## Y9D

Bottom connection 50 mm pipe centre - 1/2" connections, internal thread



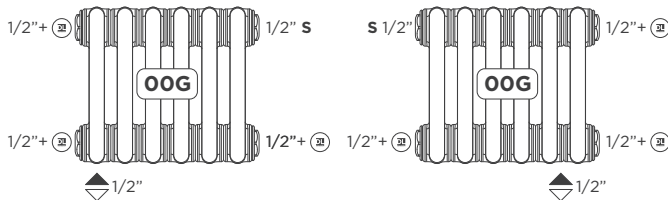
## 00E

Top connection 50 mm pipe centre - 1/2" connections, internal thread



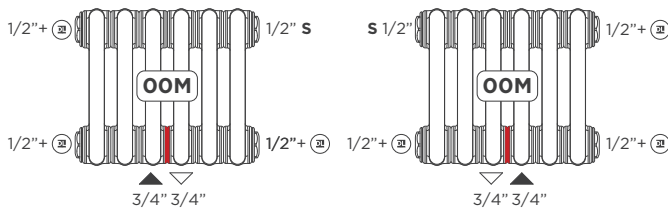
## 00G

Bottom connection - 1/2" connections, internal thread



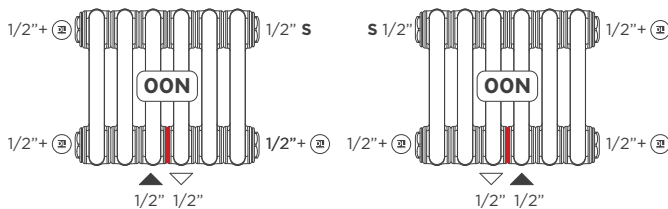
## 00M

Central connection - 3/4" central connection, external thread, 50 mm pipe centre (only for models with even number of elements)



## 00N

Central connection - 1/2" central connection, internal thread, 50 mm pipe centre (only for models with even number of elements)



## Recommended number of brackets/feet for installation

| 2 Columns    |     | Height |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |  |  |
|--------------|-----|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|--|--|
| no. elements | 300 | 400    | 500 | 510 | 550 | 570 | 600 | 610 | 670 | 685 | 750 | 770 | 800 | 870 | 885 | 900 | 910 | 1000 | 1200 | 1500 | 1800 | 2000 | 2200 | 2500 |  |  |
| 2 to 19      | 2   | 2      | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2    | 2    | 2    | 2    | 2    | 2    | 2    |  |  |
| 20 to 40     | 3   | 3      | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3    | 3    | 3    | 3    | 3    | 3    | 3    |  |  |
| 3 Columns    |     | Height |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |  |  |
| no. elements | 300 | 400    | 500 | 510 | 550 | 570 | 600 | 610 | 670 | 685 | 750 | 770 | 800 | 870 | 885 | 900 | 910 | 1000 | 1200 | 1500 | 1800 | 2000 | 2200 | 2500 |  |  |
| 2 to 14      | 2   | 2      | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2    | 2    | 2    | 2    | 2    | 2    | 2    |  |  |
| 15 to 19     | 2   | 2      | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2    | 2    | 2    | 2    | 2    | 3    | 3    |  |  |
| 20 to 30     | 3   | 3      | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3    | 3    | 3    | 3    | 3    | 4    | -    |  |  |
| 31 to 40     | 3   | 3      | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3    | -    | -    | -    | -    | -    | -    |  |  |
| 4 Columns    |     | Height |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |  |  |
| no. elements | 300 | 400    | 500 | 510 | 550 | 570 | 600 | 610 | 670 | 685 | 750 | 770 | 800 | 870 | 885 | 900 | 910 | 1000 | 1200 | 1500 | 1800 | 2000 | 2200 | 2500 |  |  |
| 2 to 16      | 2   | 2      | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2    | 2    | 2    | 2    | 3    | 3    | 3    |  |  |
| 17 to 19     | 2   | 2      | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2    | 2    | 2    | 3    | 3    | 3    | 3    |  |  |
| 20           | 3   | 3      | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3    | 3    | 3    | 3    | 3    | 3    | 4    |  |  |
| 21 to 26     | 3   | 3      | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3    | 3    | 3    | 3    | 4    | 4    | -    |  |  |
| 27 to 30     | 3   | 3      | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3    | 3    | 3    | 4    | 4    | 5    | -    |  |  |
| 31 to 40     | 3   | 3      | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3    | -    | -    | -    | -    | -    | -    |  |  |
| 5 Columns    |     | Height |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |  |  |
| no. elements | 300 | 400    | 500 | 510 | 550 | 570 | 600 | 610 | 670 | 685 | 750 | 770 | 800 | 870 | 885 | 900 | 910 | 1000 | 1200 | 1500 | 1800 | 2000 | 2200 | 2500 |  |  |
| 2 to 12      | 2   | 2      | 2   | -   | -   | 2   | 2   | -   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | -   | 2    | 2    | 2    | 2    | 2    | 2    | 2    |  |  |
| 13 to 15     | 2   | 2      | 2   | -   | -   | 2   | 2   | -   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | -   | 2    | 2    | 2    | 3    | 3    | 3    | 3    |  |  |
| 16 to 19     | 2   | 2      | 2   | -   | -   | 2   | 2   | -   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | -   | 2    | 2    | 3    | 3    | 3    | -    | -    |  |  |
| 20 to 25     | 3   | 3      | 3   | -   | -   | 3   | 3   | -   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | -   | 3    | 3    | 4    | 4    | 4    | -    | -    |  |  |
| 26 to 30     | 3   | 3      | 3   | -   | -   | 3   | 3   | -   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | -   | 3    | 3    | -    | -    | -    | -    | -    |  |  |
| 31 to 35     | 3   | 3      | 3   | -   | -   | 3   | 3   | -   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | -   | 3    | -    | -    | -    | -    | -    | -    |  |  |
| 36 to 40     | 3   | 3      | 3   | -   | -   | 3   | 3   | -   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 4   | -   | 4    | -    | -    | -    | -    | -    | -    |  |  |
| 6 Columns    |     | Height |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |  |  |
| no. elements | 300 | 400    | 500 | 510 | 550 | 570 | 600 | 610 | 670 | 685 | 750 | 770 | 800 | 870 | 885 | 900 | 910 | 1000 | 1200 | 1500 | 1800 | 2000 | 2200 | 2500 |  |  |
| 2 to 10      | 2   | 2      | 2   | -   | -   | 2   | 2   | -   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | -   | 2    | 2    | 2    | 2    | 2    | 3    | 3    |  |  |
| 11 to 13     | 2   | 2      | 2   | -   | -   | 2   | 2   | -   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | -   | 2    | 2    | 2    | 3    | 3    | 3    | 3    |  |  |
| 14 to 15     | 2   | 2      | 2   | -   | -   | 2   | 2   | -   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | -   | 2    | 2    | 3    | 3    | 3    | -    | -    |  |  |
| 16 to 19     | 2   | 2      | 2   | -   | -   | 2   | 2   | -   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | -   | 2    | 3    | 3    | 4    | -    | -    | -    |  |  |
| 20           | 3   | 3      | 3   | -   | -   | 3   | 3   | -   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | -   | 3    | 3    | 3    | 4    | -    | -    | -    |  |  |
| 21 to 25     | 3   | 3      | 3   | -   | -   | 3   | 3   | -   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | -   | 3    | 3    | -    | -    | -    | -    | -    |  |  |
| 26 to 30     | 3   | 3      | 3   | -   | -   | 3   | 3   | -   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | -   | 3    | 4    | -    | -    | -    | -    | -    |  |  |
| 31 to 36     | 3   | 3      | 3   | -   | -   | 3   | 3   | -   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 4   | -   | 4    | -    | -    | -    | -    | -    | -    |  |  |
| 37 to 38     | 3   | 3      | 3   | -   | -   | 3   | 3   | -   | 3   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | -   | 4    | -    | -    | -    | -    | -    | -    |  |  |
| 39 to 40     | 4   | 4      | 4   | -   | -   | 4   | 4   | -   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | -   | 4    | -    | -    | -    | -    | -    | -    |  |  |

## Mobile flow deflector

For opposing connections from the bottom, certain precautions must be taken to maintain optimum heat output, particularly with tall and/or short radiators.

In this case, the water flow heats the radiator unevenly and we therefore recommend fitting a flow deflector in the intake to ensure the water flows towards parts of the radiator which would otherwise be cold.

The mobile deflector tested by DL Radiators is cylindrical with two holes in the end and a 1/2" thread for easy installation.

Important: the maximum tightening torque is 40 Nm.

For the fixing kit, see page 255.

Example where use of the mobile deflector is recommended.

